

001

Form 3160-3  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. UTU-68219
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name UTE TRIBE
2. Name of Operator SHENANDOAH ENERGY INC.		Contact: RALEEN SEARLE E-Mail: raleen.searle@questar.com		7. If Unit or CA Agreement, Name and No.
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.4309 Fx: 435.781.4329		8. Lease Name and Well No. WONSITS VALLEY EXT. 1W-17-8-21
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENE 682FNL 653FEL At proposed prod. zone		4442851Y 40.12907 621745X -109.57088		9. API Well No. 43-047-34927
14. Distance in miles and direction from nearest town or post office* 8 +/- MILES FROM OURAY, UT		12. County or Parish UINTAH		13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 653' +/-		16. No. of Acres in Lease 900.00		17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1500' +/-		19. Proposed Depth 8150 MD		20. BLM/BIA Bond No. on file UT-1237
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4239 KB		22. Approximate date work will start		23. Estimated duration 10 DAYS

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Raleen Searle</i>	Name (Printed/Typed) RALEEN SEARLE	Date 03/11/2003
Title REGULATORY AFFAIRS ANALYST		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 03-17-03
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #19002 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC., sent to the Vernal

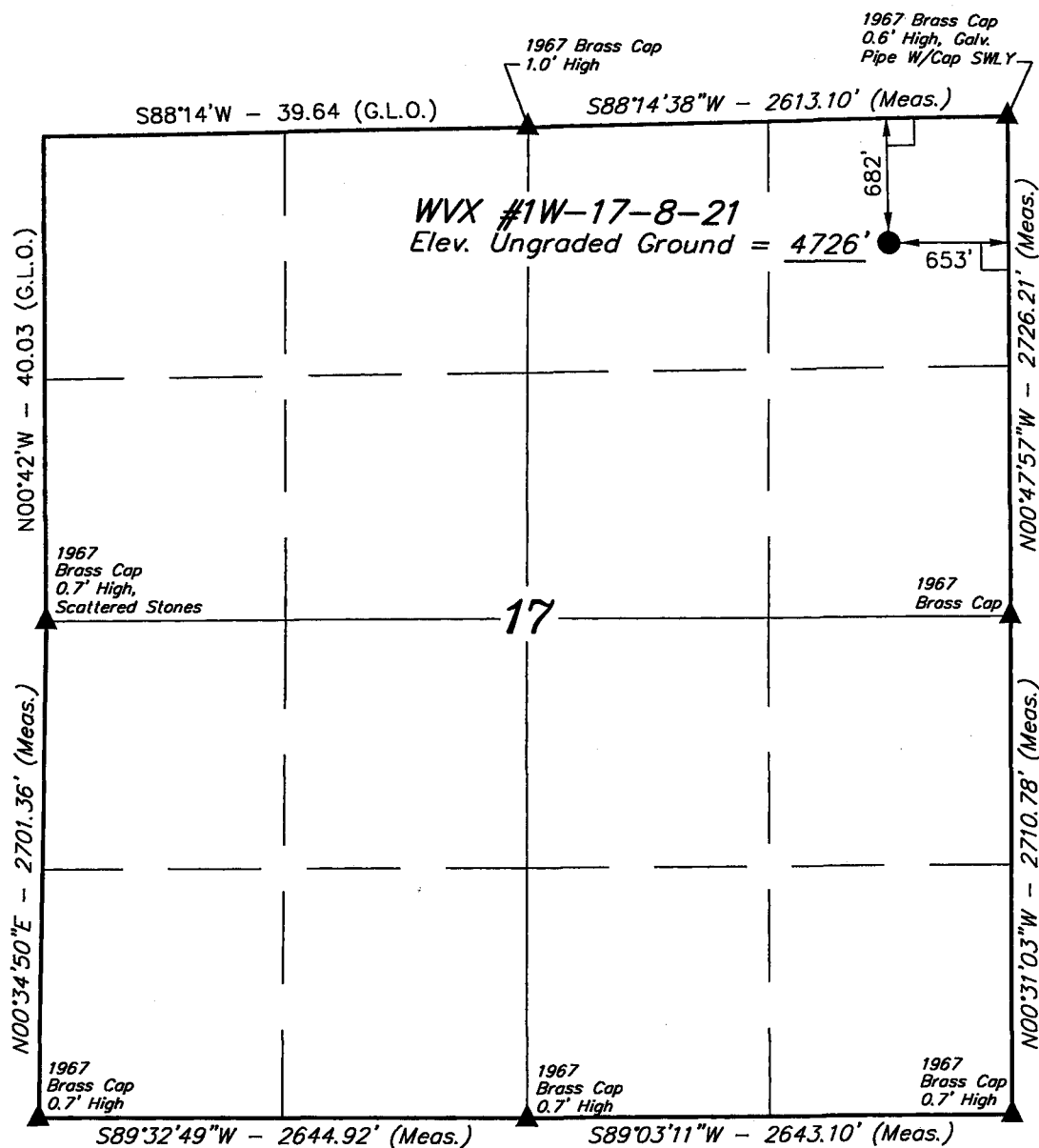
RECEIVED

MAR 13 2003

DIV. OF OIL, GAS &amp; MINING

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

**T8S, R21E, S.L.B.&M.**



**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°07'44.32" (40.128978)  
 LONGITUDE = 109°34'17.61" (109.571558)

**QUESTAR EXPLORATION & PRODUCTION**

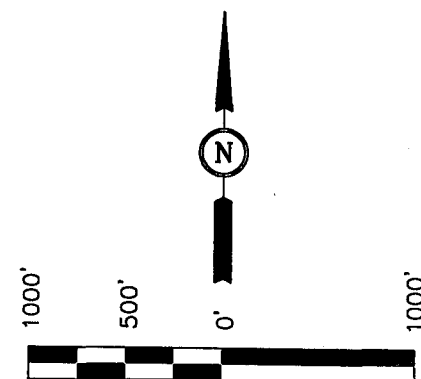
Well location, WVX #1W-17-8-21, located as shown in the NE 1/4 NE 1/4 of Section 17, T8S, R21E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. Kay*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-05-03	DATE DRAWN: 02-06-03
PARTY D.A. J.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLORATION & PRODUCTION	

SHENANDOAH ENERGY INC.  
WVX 1W-17-8-21

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<i><b>Formation</b></i>	<i><b>Depth</b></i>
Uinta	Surface
Green River	2694
Mahogany Ledge	3434
Mesa	6079
TD (Wasatch)	8150

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<i><b>Substance</b></i>	<i><b>Formation</b></i>	<i><b>Depth</b></i>
Oil/Gas	Wasatch	8150

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3260.0 psi.

SHENANDOAH ENERGY INC.  
WVX 1W-17-8-21  
682' FNL, 653' FEL  
NENE, SECTION 17, T8S, R21E  
UINTAH COUNTY, UTAH  
LEASE # U-68219

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 10 miles of Ouray , Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**6. Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**7. Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**8. Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

**10. Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Tribe  
PO Box 190  
Ft. Duchesne, Utah 84026

**12. Other Information**

A Class III archaeological survey will be conducted by Montgomery Archaeology Consultants. A copy of this report will be submitted directly to the appropriate agencies by Montgomery Archaeology Consultants.

**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
Shenandoah Energy Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch

John Busch  
Red Wash Operations Representative

February 27, 2003

Date

**Additional Operator Remarks:**

Shenandoah Energy Inc. proposes to drill a well to 8150' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. UT-1237. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

# QUESTAR EXPLR. & PROD.

WVX #1W-17-8-21

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 17, T8S, R21E, S.L.B.&M.

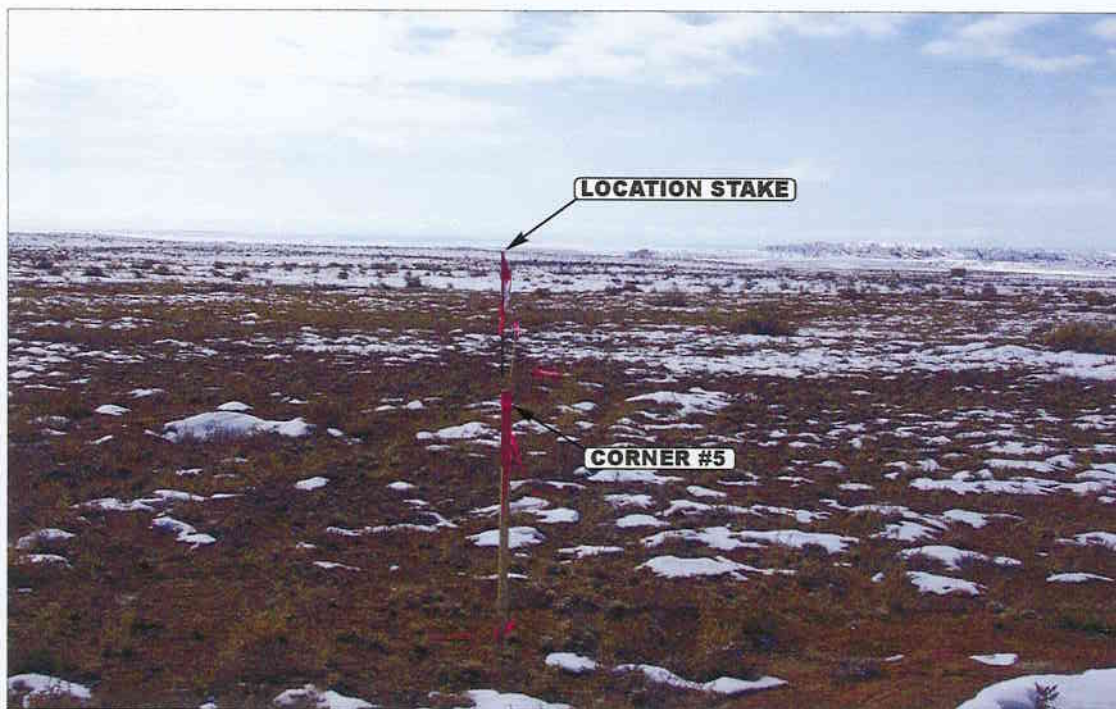


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**02** **10** **03**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.A.

DRAWN BY: P.M.

REVISED: 00-00-00



**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# QUESTAR EXPLORATION & PRODUCTION

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

WVX #1W-17-8-21

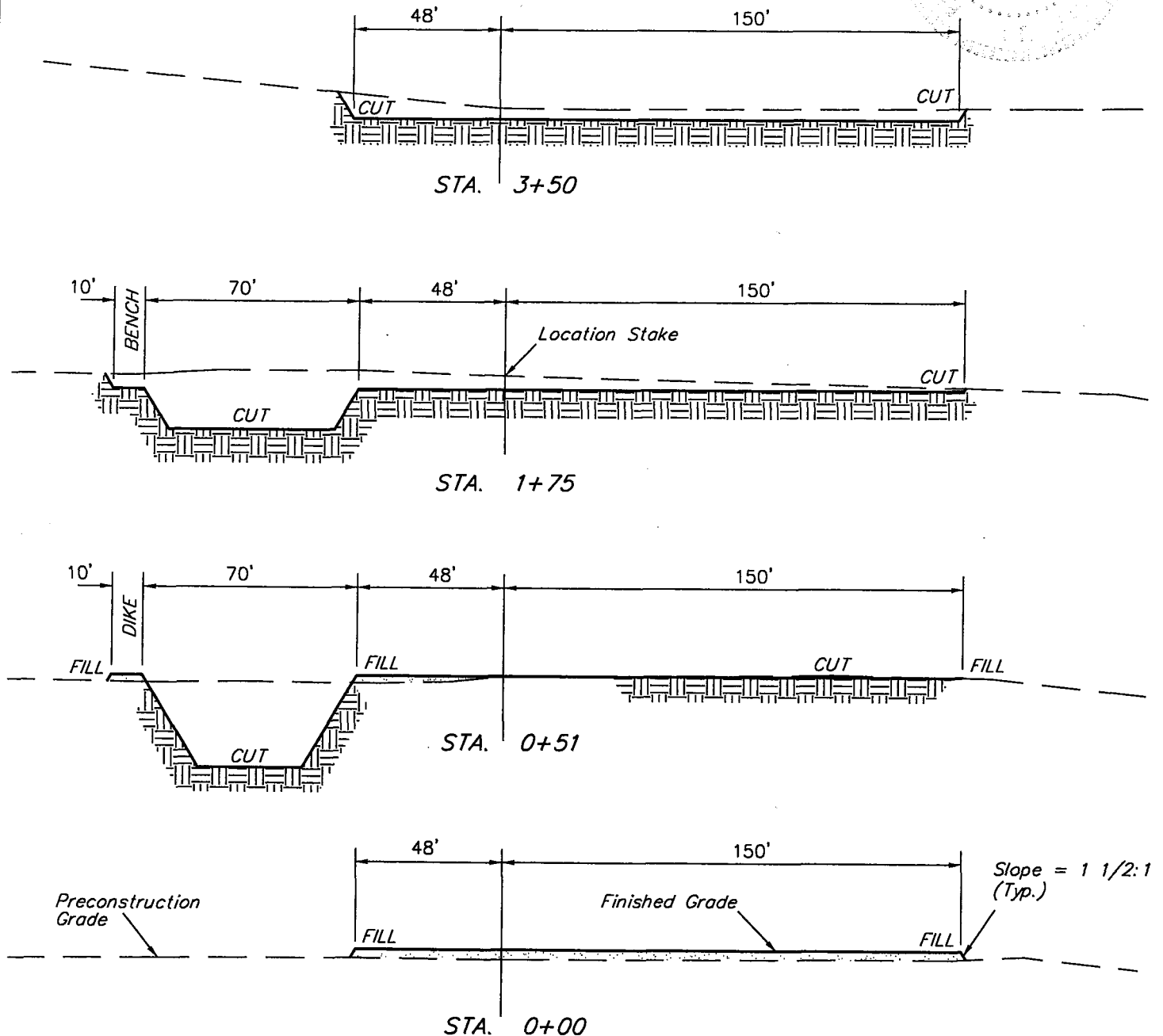
SECTION 17, T8S, R21E, S.L.B.&M.

682' FNL 653' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 02-06-03

Drawn By: D.COX

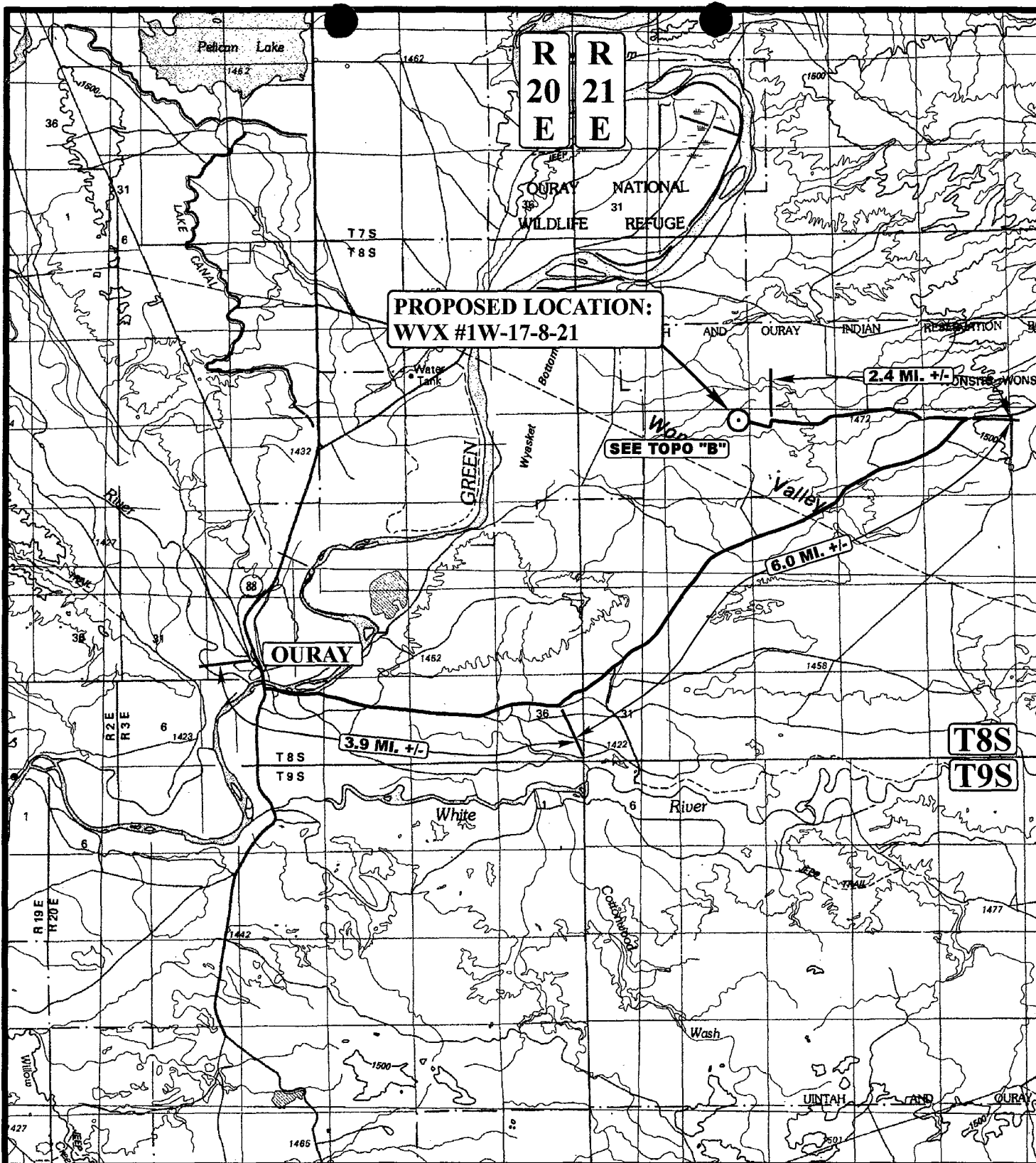


### APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,070 Cu. Yds.
Remaining Location	= 3,050 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,120 CU.YDS.</b>
<b>FILL</b>	<b>= 1,510 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,530 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,530 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



# **LEGEND:**

○ PROPOSED LOCATION



## **QUESTAR EXPLR. & PROD.**

WVX #1W-17-8-21  
SECTION 17, T8S, R21E, S.L.B.&M.  
682' FNL 653' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

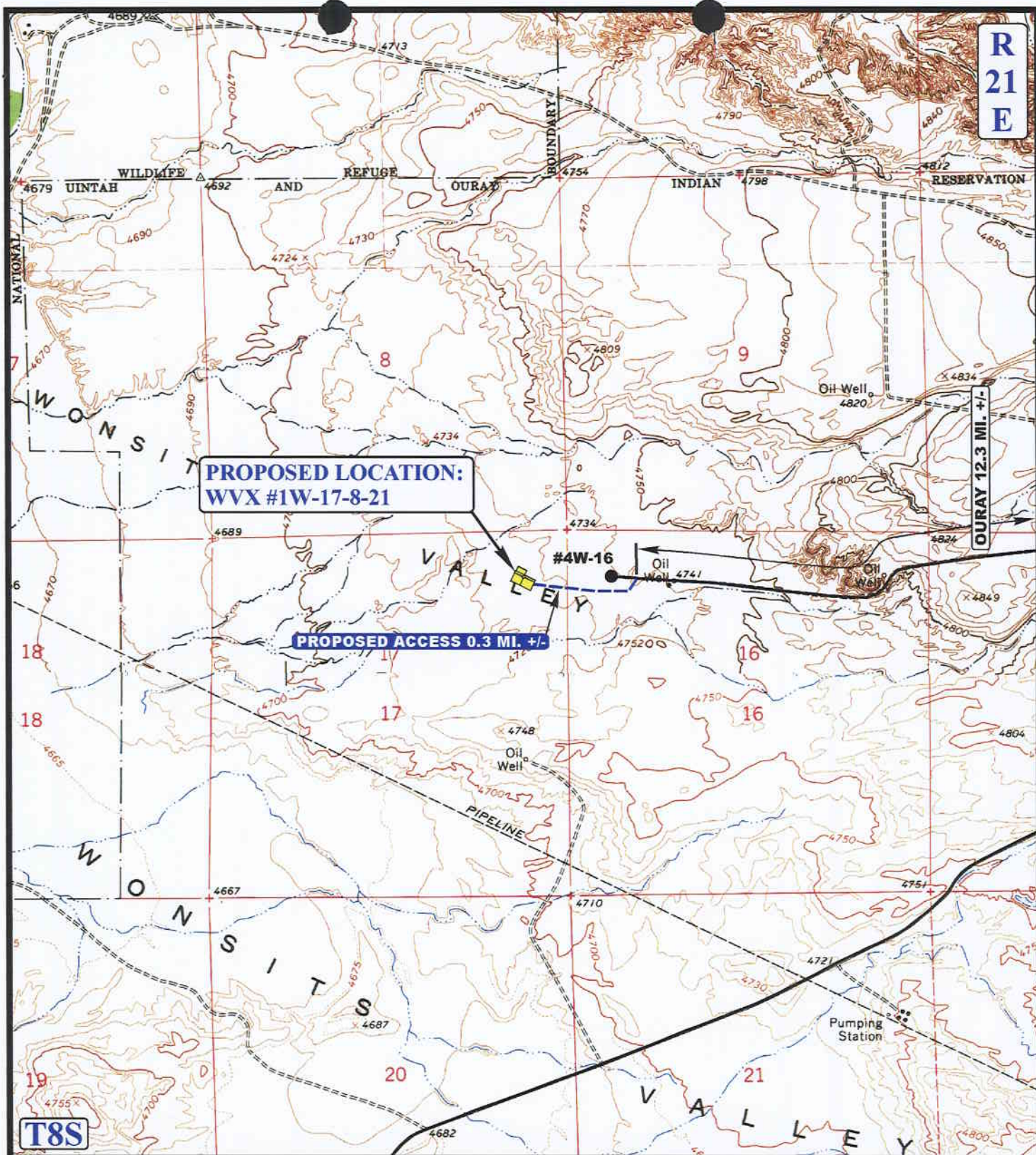
TOPOGRAPHIC  
MAP

02 10 03  
MONTH DAY YEAR

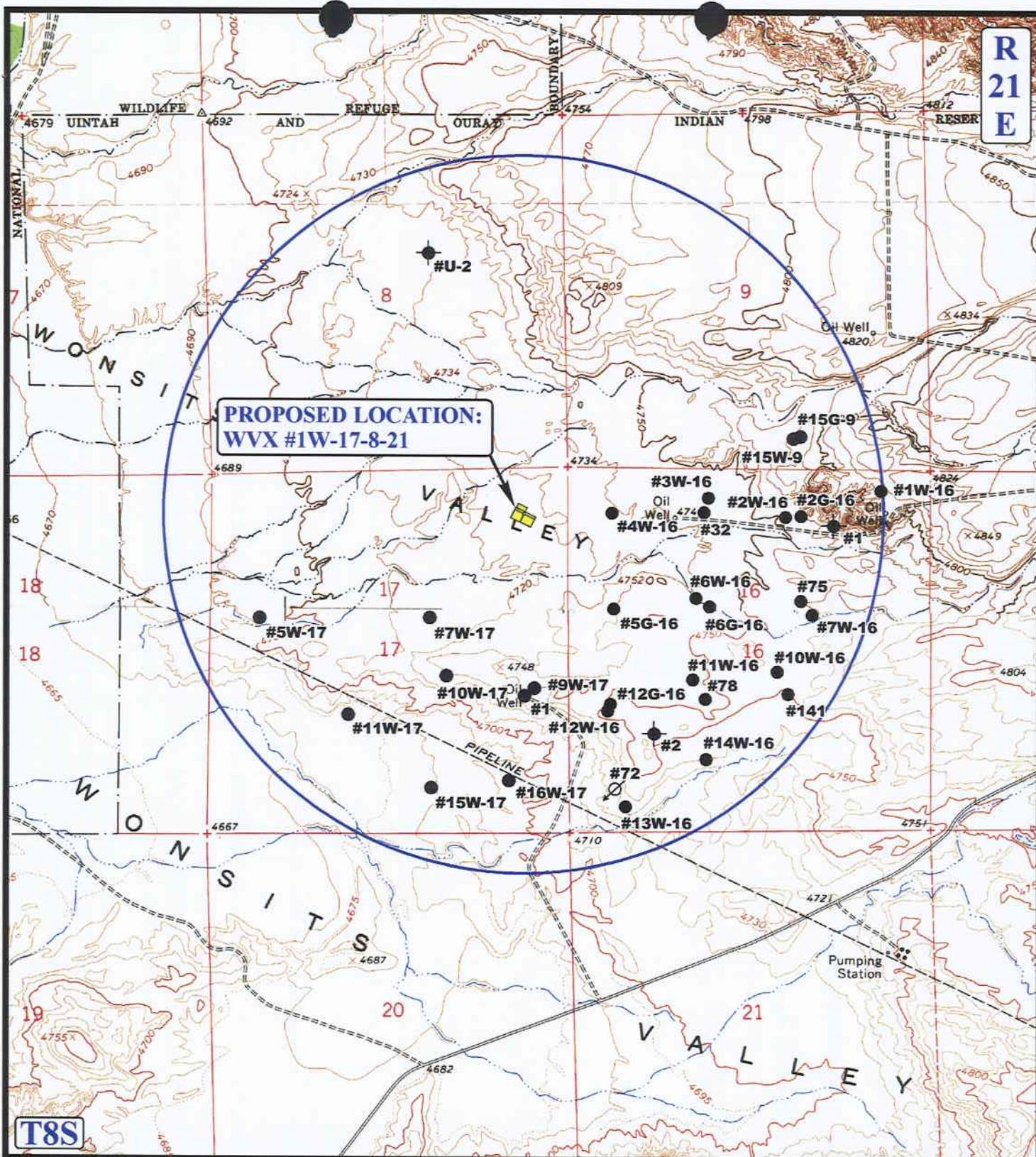
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00











# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## QUESTAR EXPLR. & PROD.

WVX #1W-17-8-21  
SECTION 17, T8S, R21E, S.L.B.&M.  
682' FNL 653' FEL

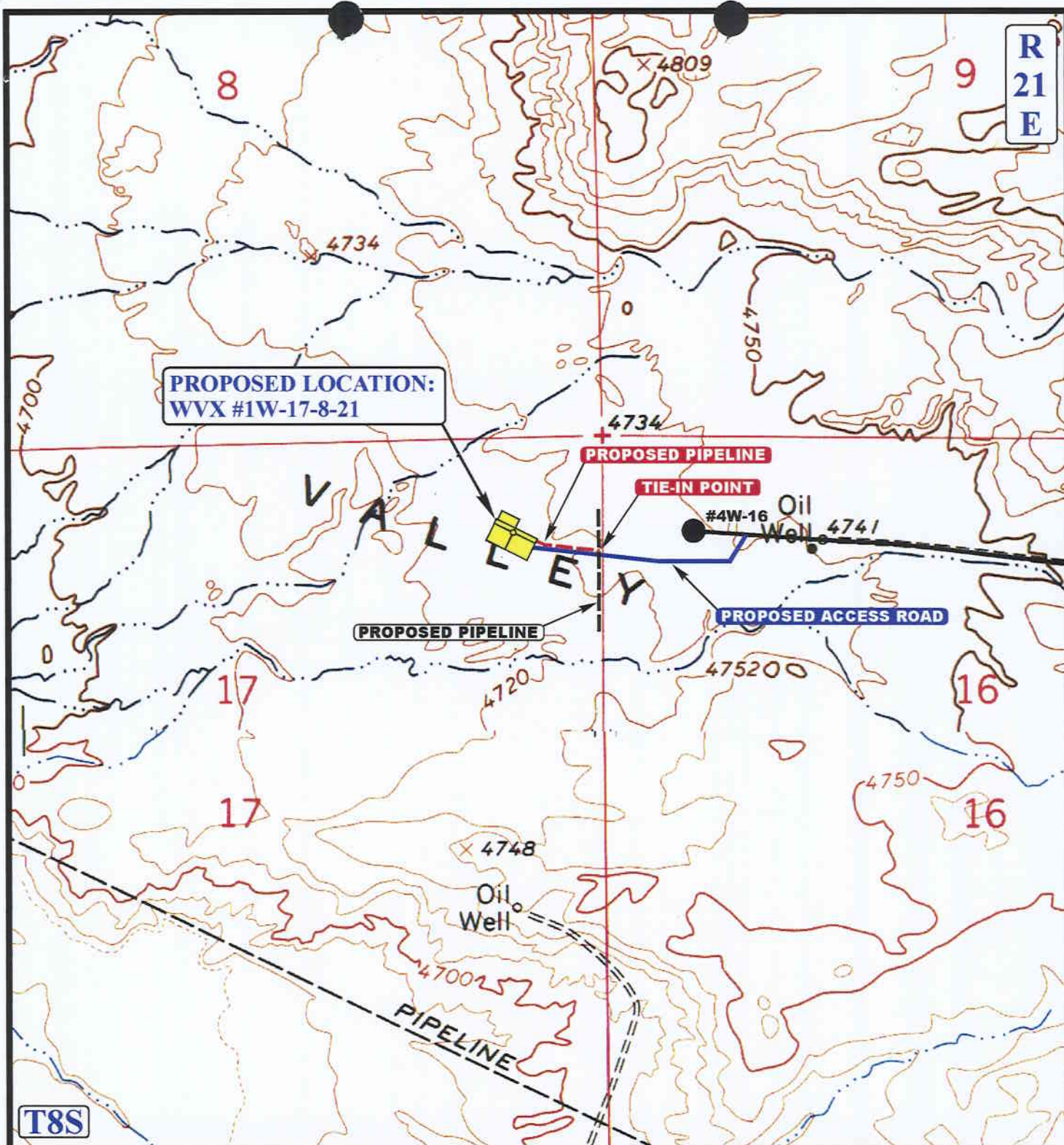


Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP  
02 10 03  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 444' +/-**

003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/13/2003

API NO. ASSIGNED: 43-047-34927

WELL NAME: WV EXT 1W-17-8-21

OPERATOR: SHENANDOAH ENERGY INC ( N4235 )

CONTACT: RALEEN SEARLE

PHONE NUMBER: 435-781-4309

## PROPOSED LOCATION:

NENE 17 080S 210E

SURFACE: 0682 FNL 0653 FEL

BOTTOM: 0682 FNL 0653 FEL

UINTAH

GYPSUM HILLS ( 610 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-68219

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.12907

LONGITUDE: 109.57088

## RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT-1237 )☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit  
(No. 43-8496 )☒ RDCC Review (Y/N)  
(Date: )☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

☐ R649-2-3.

Unit

☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells☐ R649-3-3. Exception☐ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

☐ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

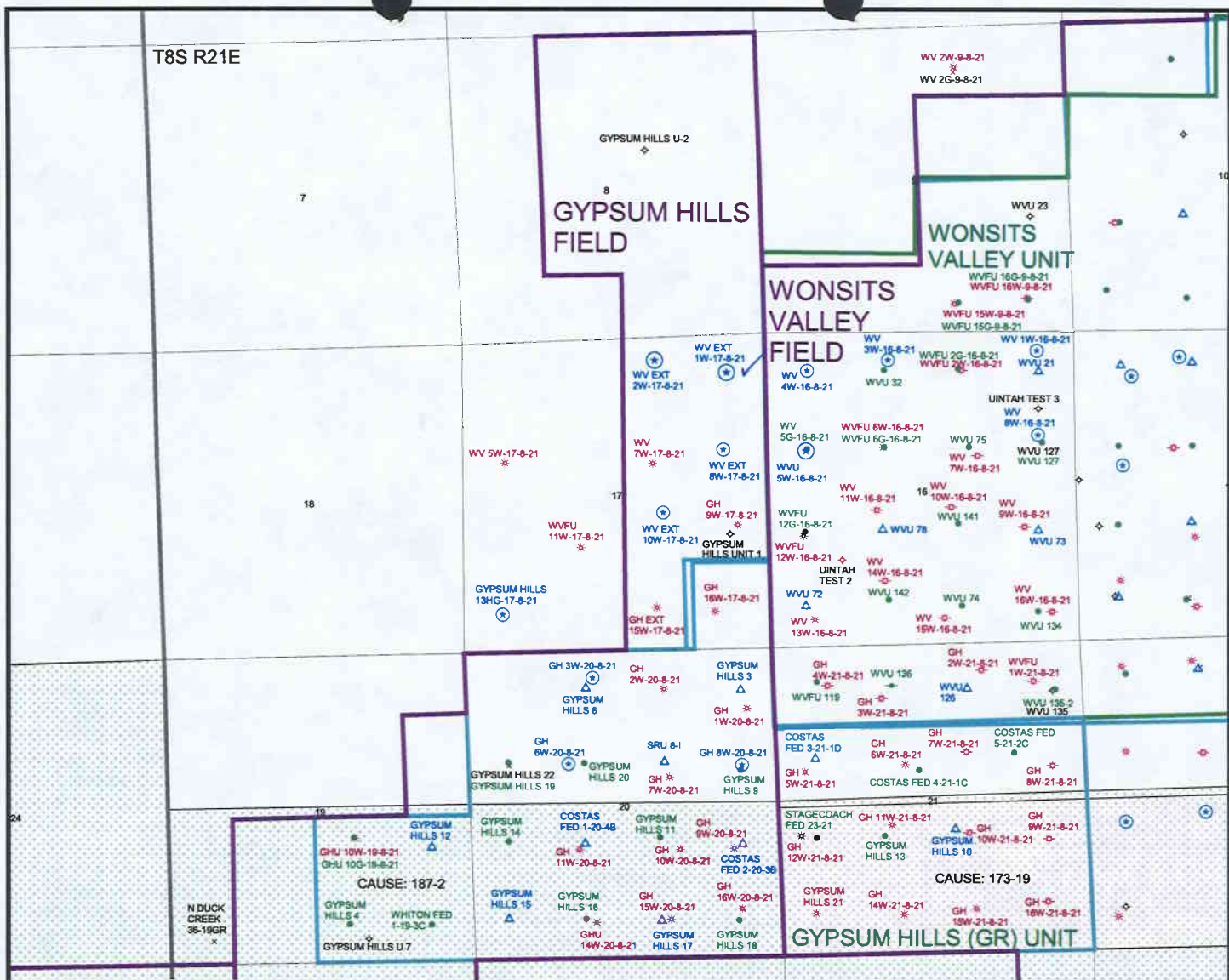
STIPULATIONS: 1- Federal Approval

2- Spacing Strip

\_\_\_\_\_

\_\_\_\_\_





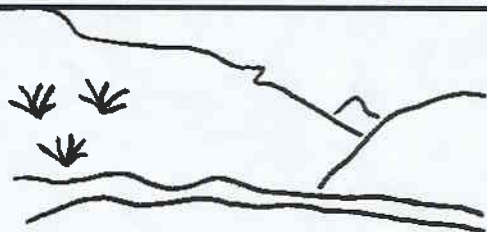
OPERATOR: SHENANDOAH ENERGY (N4235)

SEC. 17 T8S, R21E

FIELD: GYPSUM HILLS (610)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITTING



Utah Oil Gas and Mining

#### WELLS

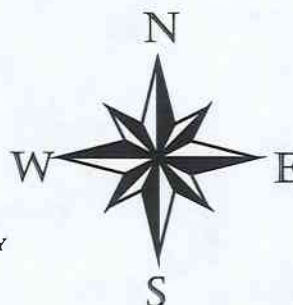
- GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ⚡ WATER DISPOSAL

#### UNIT STATUS

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON  
DATE: 17-MARCH-2003



004



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

March 17, 2003

Shenandoah Energy, Inc.  
11002 East 17500 South  
Vernal, UT 84078

Re: Wonsits Valley Ext. 1W-17-8-21 Well, 682' FNL, 653' FEL, NE NE, Sec. 17, T. 8 South,  
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34927.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza  
Associate Director

mj

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, District Office

Operator: Shenandoah Energy, Inc.  
Well Name & Number Wonsits Valley Ext. 1W-17-8-21  
API Number: 43-047-34927  
Lease: UTU-68219

Location: NE NE      Sec. 17      T. 8 South      R. 21 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

005

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-68219	
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2. Name of Operator SHENANDOAH ENERGY INC.		7. If Unit or CA Agreement, Name and No.	
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3b. Phone No. (include area code) Ph: 435.781.4309 Fx: 435.781.4329		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface NENE 682FNL 653FEL At proposed prod. zone		10. Field and Pool, or Exploratory GYPSUM HILLS	
14. Distance in miles and direction from nearest town or post office* 8 +/- MILES FROM OURAY, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 17 T8S R21E Mer SLB	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 653' +/-		12. County or Parish UINTAH	
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23. Estimated duration 10 DAYS			

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- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) RALEEN SEARLE	Date 03/11/2003
Title REGULATORY AFFAIRS ANALYST		
Approved by (Signature)	Name (Printed/Typed)	Date
Assistant Field Manager	DIV. OF OIL, GAS & MINING	06/09/2003
Title Mineral Resources		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

NOTICE OF APPROVAL

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #19002 verified by the BLM Well Information System  
For SHENANDOAH ENERGY INC., sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 03/12/2003 ()

CONDITIONS OF APPROVAL ATTACHED

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: WV Ext. 1W-17-8-21

API Number: 43-047-34927

Lease Number: U-68219

Location: NENE Sec. 17 T.8S R. 21E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease that would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend a minimum of 200' above the bottom of usable water zone identified at  $\pm 3361'$ .

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

Shenandoah Energy, INC. (Shenandoah) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All Shenandoah personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

Shenandoah employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

Shenandoah employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Shenandoah will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). Shenandoah shall receive written notification of authorization or denial of the requested modification. Without authorization, Shenandoah will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. Shenandoah shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified Archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline. Shenandoah is to inform contractors to maintain construction of the pipelines within the approved right of ways.

A corridor ROW, 30 feet wide and 1602 feet long, was granted for the access road. A corridor ROW, 60 feet wide and 419 feet long was granted for the pipeline. These ROWs are adjacent and there may be some overlapping involved. The constructed travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

Upon completion of the pertinent APD and ROWs, Shenandoah will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion. When each pipeline has been constructed and completed as built descriptions will be filed with the Ute Tribal Energy and Minerals Department.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

Shenandoah will implement "Safety and Emergency Plan" and ensure plan compliance.

Shenandoah shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

Shenandoah employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

Shenandoah will control noxious weeds on the well site and ROWs. Shenandoah will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner to conserve fluids. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled then to approved, disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. If any of the produced water is diverted to drilling activities then: Any reserve pits where this produced water is hauled must have a pit liner installed. This produced water may not be injected down the annulus of a well after the drilling has been completed.

Surface pipelines will be constructed to lay on the soil surface. The pipeline ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads and on other existing roads then pulled into place with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Before the site is abandoned, Shenandoah will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeded all disturbed areas.

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

006

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/1/2003

<b>FROM: (Old Operator):</b>					<b>TO: ( New Operator):</b>				
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341					N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341				
<b>CA No.</b>					<b>Unit:</b>				
<b>WELL(S)</b>									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RED WASH U 34-27C	27	070S	240E	4304735045		Federal	GW	APD	C
WV EXT 1W-17-8-21	17	080S	210E	4304734927		Federal	GW	APD	C
WV EXT 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	DRL	C
N DUCK CREEK 9M-22-8-21	22	080S	210E	4304734901		Federal	GW	APD	C
N DUCK CREEK 11M-22-8-21	22	080S	210E	4304734902		Federal	GW	APD	C
NDC 10W-25-8-21	25	080S	210E	4304734923		Federal	GW	APD	C
N DUCK CREEK 3M-27-8-21	27	080S	210E	4304734900		Federal	GW	APD	C
NDC 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	DRL	C
NDC 9M-27-8-21	27	080S	210E	4304734956		Federal	GW	APD	C
NDC 1M-27-8-21	27	080S	210E	4304734957		Federal	GW	APD	C
NDC 15M-28-8-21	28	080S	210E	4304734958		Federal	GW	APD	C
GB 7W-36-8-21	36	080S	210E	4304734893		State	GW	APD	
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	DRL	
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	DRL	
GB 4W-36-8-21	36	080S	210E	4304734926		State	GW	APD	
WRU EIH 9W-26-8-22	26	080S	220E	4304735047		Federal	GW	APD	C
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	APD	
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	APD	
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	NEW	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	13544	Federal	GW	DRL	C

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_



6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/11/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/11/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3106  
(UT-924)

July 21, 2003

### Memorandum

To: Vernal Field Office  
From: **ACTING** Chief, Branch of Minerals Adjudication  
Subject: Name Change Approval

Attached is an approved copy of the name change from BLM-Eastern States, which is recognized by the Utah State Office. We have updated our records to reflect:

The name change from Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated is effective July 23, 1999. The BLM Bond Number is ESB000024.

*Mary Higgins*  
Mary Higgins  
Acting Chief, Branch of  
Minerals Adjudication

### Enclosure

1. Eastern States Letter
2. List of leases

cc: MMS, James Sykes, PO Box 25165, M/S 357 B1, Denver CO 80225  
State of Utah, DOGM, Earlene Russell (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

RECEIVED

JUL 23 2003

DIV. OF OIL, GAS & MINING

# Exhibit of Leases

UTSL-065342	UTU-0825	UTU-65472	UTU-74971
UTSL-065429	UTU-0826	UTU-65632	UTU-74972
UTSL-066409-A	UTU-0827	UTU-67844	UTU-75079
UTSL-066446	UTU-0828	UTU-68217	UTU-75080
UTSL-066446-A	UTU-0829	UTU-68218	UTU-75081
UTSL-066446-B	UTU-0830	UTU-68219	UTU-75082
UTSL-066791	UTU-0933	UTU-68220	UTU-75083
UTSL-069330	UTU-0971	UTU-68387	UTU-75084
UTSL-070932-A	UTU-0971-A	UTU-68620	UTU-75085
UTSL-071745	UTU-01089	UTU-69001	UTU-75086
UTSL-071963	UTU-02025	UTU-70853	UTU-75087
UTSL-071964	UTU-02030	UTU-70854	UTU-75088
UTSL-071965	UTU-02060	UTU-70855	UTU-75102
	UTU-02148	UTU-70856	UTU-75103
UTU-046	UTU-02149	UTU-71416	UTU-75116
UTU-055	UTU-02510-A	UTU-72066	UTU-75243
UTU-057	UTU-09613	UTU-72109	UTU-75503
UTU-058	UTU-09617	UTU-72118	UTU-75678
UTU-059	UTU-09809	UTU-72598	UTU-75684
UTU-080	UTU-011225-B	UTU-72634	UTU-76278
UTU-081	UTU-011226	UTU-72649	UTU-75760
UTU-082	UTU-011226-B	UTU-73182	UTU-75939
UTU-093	UTU-012457	UTU-73443	UTU-76039
UTU-01116	UTU-012457-A	UTU-73456	UTU-76482
UTU-0558	UTU-018260-A	UTU-73680	UTU-76507
UTU-0559	UTU-022158	UTU-73681	UTU-76508
UTU-0560	UTU-025960	UTU-73684	UTU-76721
UTU-0561	UTU-025962	UTU-73686	UTU-76835
UTU-0562	UTU-025963	UTU-73687	UTU-77063
UTU-0566	UTU-029649	UTU-73698	UTU-77301
UTU-0567	UTU-65471	UTU-73699	UTU-77308
UTU-0568	UTU-65472	UTU-73700	UTU-78021
UTU-0569	UTU-103144	UTU-73710	UTU-78028
UTU-0570	UTU-140740	UTU-73914	UTU-78029
UTU-0571	UTU-14219	UTU-73917	UTU-78214
UTU-0572	UTU-14639	UTU-74401	UTU-78215
UTU-0629	UTU-16551	UTU-74402	UTU-78216
UTU-0802	UTU-28652	UTU-74407	UTU-80636
UTU-0803	UTU-42050	UTU-74408	UTU-80637
UTU0804	UTU-43915	UTU-74419	UTU-80638
UTU0805	UTU-43916	UTU-74493	UTU-80639
UTU0806	UTU-43917	UTU-74494	UTU-80640
UTU0807	UTU-43918	UTU-74495	
UTU0809	UTU-56947	UTU-74496	
UTU0810	UTU-65276	UTU-74836	
UTU-0823	UTU-65404	UTU-74842	
UTU-0824	UTU-65471	UTU-74968	

# SEI (N4235) to QEP (N2460)

well name	Sec	T	R	api DOGM	Entity	type	stat	
WV 14W-4-8-21	04	080S	210E	4304734040		Federal	GW	APD C
WV 16W-4-8-21	04	080S	210E	4304734041		Federal	GW	APD C
WV 5W-36-7-21	36	070S	210E	4304734099	13807	State	GW	DRL C
WV 16W-31-7-22	31	070S	220E	4304734257		Federal	GW	APD C
RED WASH 16W-19-7-22	19	070S	220E	4304734258		Federal	GW	APD C
WV 9W-16-7-21	16	070S	210E	4304734324		State	GW	APD
GH 6W-20-8-21	20	080S	210E	4304734331		Federal	GW	APD C
WV 10W-23-8-21	23	080S	210E	4304734341	13766	Federal	GW	PA C
WV 11W-23-8-21	23	080S	210E	4304734342		Federal	GW	APD C
WV 13W-23-8-21	23	080S	210E	4304734344		Federal	GW	APD C
WV 14W-23-8-21	23	080S	210E	4304734345		Federal	GW	APD C
WV 15W-23-8-21	23	080S	210E	4304734346		Federal	GW	APD C
WV 7W-31-7-22	31	070S	220E	4304734379		Federal	GW	APD C
WV 9W-30-7-22	30	070S	220E	4304734381		Federal	GW	APD C
WV 10W-25-7-21	25	070S	210E	4304734382		Federal	GW	APD C
WV 10W-26-7-21	26	070S	210E	4304734383		Federal	GW	APD C
WV 14W-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	DRL C
WV 15W-27-7-21	27	070S	210E	4304734385		Federal	GW	APD C
GH 8W-20-8-21	20	080S	210E	4304734393		Federal	GW	APD C
SU PURDY 3W-30-7-22	30	070S	220E	4304734394		Federal	GW	APD C
STIRRUP UNIT 10G-5-8-22	05	080S	220E	4304734396		Federal	OW	APD C
WV 10W-35-7-21	35	070S	210E	4304734397		Federal	GW	APD C
WV 16G-6-8-22	06	080S	220E	4304734404		Federal	OW	APD C
SU 4W-26-7-21	26	070S	210E	4304734408		Federal	GW	APD C
STIRRUP U 12W-6-8-22	06	080S	220E	4304734449		Federal	GW	APD C
STIRRUP U 10W-6-8-22	06	080S	220E	4304734451		Federal	GW	APD C
STIRRUP U 8W-5-8-22	05	080S	220E	4304734453		Federal	GW	APD C
STIRRUP U 6W-5-8-22	05	080S	220E	4304734454		Federal	GW	APD C
WV EXT 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P C
STIRRUP U 7G-5-8-22	05	080S	220E	4304734609		Federal	OW	APD C
STIRRUP U 9G-5-8-22	05	080S	220E	4304734610		Federal	OW	APD C
STIRRUP U 9G-6-8-22	06	080S	220E	4304734611		Federal	OW	APD C
OU GB 10W-16-8-22	16	080S	220E	4304734616		State	GW	APD C
OU GB 14W-16-8-22	16	080S	220E	4304734619		State	GW	APD C
OU GB 16W-20-8-22	20	080S	220E	4304734633		Federal	GW	APD C
OU WIH 15W-21-8-22	21	080S	220E	4304734634		Federal	GW	APD C
OU GB 8W-17-8-22	17	080S	220E	4304734647		Federal	GW	APD C
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	DRL C
OU GB 16W-16-8-22	16	080S	220E	4304734655	13815	State	GW	DRL C
OU GB 1W-16-8-22	16	080S	220E	4304734656		State	GW	APD C
OU GB 8W-16-8-22	16	080S	220E	4304734660	13769	State	GW	DRL C
OU GB 3W-15-8-22	15	080S	220E	4304734677		Federal	GW	APD C
OU GB 4W-21-8-22	21	080S	220E	4304734685	13772	Federal	GW	P C
OU WIH 2W-21-8-22	21	080S	220E	4304734687	13837	Federal	GW	PA C
OU GB 9W-16-8-22	16	080S	220E	4304734692		State	GW	APD C
OU WIH 1W-21-8-22	21	080S	220E	4304734693		Federal	GW	APD C
OU GB 7G-19-8-22	19	080S	220E	4304734694		Federal	OW	APD C
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P C
OU GB 8W-20-8-22	20	080S	220E	4304734706		Federal	GW	APD C
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	DRL C
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	DRL C
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	DRL C
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	DRL C
OU SG 12W-15-8-22	15	080S	220E	4304734714	13828	Federal	GW	DRL C
OU SG 5W-15-8-22	15	080S	220E	4304734715		Federal	GW	APD C
OU SG 6W-15-8-22	15	080S	220E	4304734716	13865	Federal	GW	PA C
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	DRL C

**SEI (N4235) to QEP (N2460)**

well_name	Sec	T	R	api DOGM	Entity	type	stat	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P C
OU SG 1W-15-8-22	15	080S	220E	4304734720		Federal	GW	APD C
OU SG 2W-15-8-22	15	080S	220E	4304734721		Federal	GW	APD C
OU SG 7W-15-8-22	15	080S	220E	4304734722		Federal	GW	APD C
GYPSUM HILLS 13HG-17-8-22	17	080S	210E	4304734723	13765	Federal	GW	DRL C
OU GB 14SG-29-8-22	29	080S	220E	4304734743		Federal	GW	APD C
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	DRL C
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P C
OU GB 6W-21-8-22	21	080S	220E	4304734755	13751	Federal	GW	P C
OU SG 10W-10-8-22	10	080S	220E	4304734764		Federal	GW	DRL C
OU SG 15W-10-8-22	10	080S	220E	4304734765	13849	Federal	GW	DRL C
OU GB 14W-10-8-22	10	080S	220E	4304734768	13781	Federal	GW	P C
OU SG 16W-10-8-22	10	080S	220E	4304734784	13777	Federal	GW	P C
OU GB 15G-16-8-22	16	080S	220E	4304734829		State	OW	DRL
BASER WASH 6W-7-7-22	07	070S	220E	4304734837		Federal	GW	APD C
GB 5G-15-8-22	15	080S	220E	4304734876		Federal	OW	APD C
GB 4G-21-8-22	21	080S	220E	4304734882		Federal	OW	APD C
W IRON HORSE 2W-28-8-22	28	080S	220E	4304734883		Federal	GW	APD C
OU GB 8WX-29-8-22	29	080S	220E	4304734884		Federal	GW	APD C
GB 7W-36-8-21	36	080S	210E	4304734893		State	GW	APD
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	DRL
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	APD
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	APD
N DUCK CREEK 3M-27-8-22	27	080S	210E	4304734900		Federal	GW	APD C
N DUCK CREEK 9M-22-8-22	22	080S	210E	4304734901		Federal	GW	APD C
N DUCK CREEK 11M-22-8-22	22	080S	210E	4304734902		Federal	GW	APD C
NDC 10W-25-8-21	25	080S	210E	4304734923		Federal	GW	APD C
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	DRL
GB 4W-36-8-21	36	080S	210E	4304734926		State	GW	APD
WV EXT 1W-17-8-21	17	080S	210E	4304734927		Federal	GW	APD C
WV EXT 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	DRL C
NDC 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	DRL C
NDC 9M-27-8-21	27	080S	210E	4304734956		Federal	GW	APD C
NDC 1M-27-8-21	27	080S	210E	4304734957		Federal	GW	APD C
NDC 15M-28-8-21	28	080S	210E	4304734958		Federal	GW	APD C
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	NEW
RED WASH U 34-27C	27	070S	240E	4304735045		Federal	GW	APD C
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	13544	Federal	GW	DRL C
WRU EIH 9W-26-8-22	26	080S	220E	4304735047		Federal	GW	APD C
WRU EIH 15W-26-8-22	26	080S	220E	4304735048		Federal	GW	APD C
WRU EIH 1W-35-8-22	35	080S	220E	4304735049		Federal	GW	APD C
WRU EIH 9W-35-8-22	35	080S	220E	4304735050		Federal	GW	APD C
WRU EIH 7W-35-8-22	35	080S	220E	4304735051		Federal	GW	APD C
WRU EIH 2W-35-8-22	35	080S	220E	4304735052		Federal	GW	APD C

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

2. Name of Operator

QEP UINTA BASIN, INC.

Contact: John Busch

Email: john.busch@questar.com

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

682'FNL 653' FEL NENE SEC 17 T8S R21E

5. Lease Designation and Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

WV Ext  
WVX 1W-17-8-21

9. API Well No.

43-047-34927

10. Field and Pool, or Exploratory Area

GYPSUM HILLS

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other APD Extension

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the ~~WVX~~ 1W-17-8-21.

WV Ext

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 01-21-04

By: [Signature]

COPY SENT TO OPERATOR

Date: 4-2-04

Initials: CHD

RECEIVED

MAR 29 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed

John Busch

Title OPERATIONS

Date

3/25/2004

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34927  
**Well Name:** WY 1W-17-8-21  
**Location:** 682 FNL 653' FEL NENE SEC 17 T8S R21E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** ~~6/9/2003~~  
3/17/03

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

**RECEIVED**

**MAR 29 2004**

DIV. OF OIL, GAS & MINING

John Burch  
Signature

3/25/2004  
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

2. Name of Operator

QEP UINTA BASIN, INC.

Contact: John Busch

Email: john.busch@questar.com

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

682'FNL 653' FEL NENE SEC 17 T8S R21E

5. Lease Designation and Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

WVX 1W-17-8-21

9. API Well No.

43-047-34927

10. Field and Pool, or Exploratory Area

GYPSUM HILLS

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other APD Extension

By

RECEIVED

MAR 26 2004

By

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the WVX 1W-17-8-21.

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

MAY 03 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed

John Busch

Title OPERATIONS

Date

3/25/2004

(This space for Federal or State office use)

Approved by:

Karl F. Johnson

Title

Petroleum Engineer

Date

4/15/04

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UDOCM



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34927  
**Well Name:** WVX 1W-17-8-21  
**Location:** 682'FNL 653' FEL NENE SEC 17 T8S R21E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 6/9/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

John Burch  
Signature

3/25/2004  
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

QEP- Uintah Basin Inc.  
APD Extension

Well: WVX 1W-17-8-21

Location: NENE Sec. 17, T8S, R21E

Lease: U-68219

**CONDITIONS OF APPROVAL**

An extension for the referenced APD is granted with the following conditions:

---

1. The extension will expire 6/09/05
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DOCUMENT  
FILE COPY

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

009

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-68219
2. Name of Operator QEP UINTA BASIN, INC.		6. If Indian, Allottee or Tribe Name UTE TRIBE
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. <del>WONSITS VALLEY</del> Gypsum Hills
3b. Phone No. (include area code) Ph: 435-781-4308		8. Well Name and No. WVX 1W-17-8-21
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T8S R21E NENE 682FNL 653FEL		9. API Well No. 43-047-34927
		10. Field and Pool, or Exploratory GYPSUM HILLS
		11. County or Parish, and State UINTAH COUNTY COUNTY, UT

**AMENDED**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original A PD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP UINTA BASIN, INC. PROPOSES TO **DRILL HORIZONTALLY** INTO THE GREEN RIVER FORMATION. THIS "HORIZONTAL LEG" WILL BE REFERRED TO AS: WVX 1W-17 G1 SW (WELL NAME + FORMATION + DIRECTION OF LEG). \*\*\*THE ACTUAL WELL NAME WILL REMAIN THE SAME.\*\*\*\*

FOOTAGES FOR THE WVX 1W-17 GW SW BHL: 1185.6 FNL 1771.1 FWL SENW SECTION 17 T8S R21E.

PROPOSED DEPTH: 5485.0 TVD  
KICK OFF POINT: 5251.4 TVD  
PAY ZONE: 5485.0 TVD  
TOTAL MEASURED DEPTH: 8260.8 TMD

BHL 620911X 40.127438  
4442657Y -109.580929

**RECEIVED**  
**MAR 18 2005**

PLEASE SEE ATTACHED DRILLING PLAN FOR DETAILS.

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #54936 verified by the BLM Well Information System For QEP UINTA BASIN, INC., sent to the Vernal		
Name (Printed/Typed) STEPHANIE TOMKINSON	Title REGULATORY AFFAIRS TECHNICIAN	
Signature <i>[Signature]</i> (Electronic Submission)	Date 03/15/2005	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved By <i>[Signature]</i>	Title <b>BRADLEY G. HILL</b> <b>ENVIRONMENTAL SCIENTIST III</b>	Date <b>03-29-05</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Federal Approval of this  
Action is Necessary**

**Weatherford**  
 Azimuths to True North  
 Magnetic North: 11.93°



Magnetic Field  
 Strength: 53066nT  
 Dip Angle: 66.12°  
 Date: 3/4/2005  
 Model: igrf2005

**QUESTAR**

**SITE DETAILS**

**WVX 1W-17-8-21**  
**Sec 17 T8S R21E**  
**682' FNL & 653' FEL**

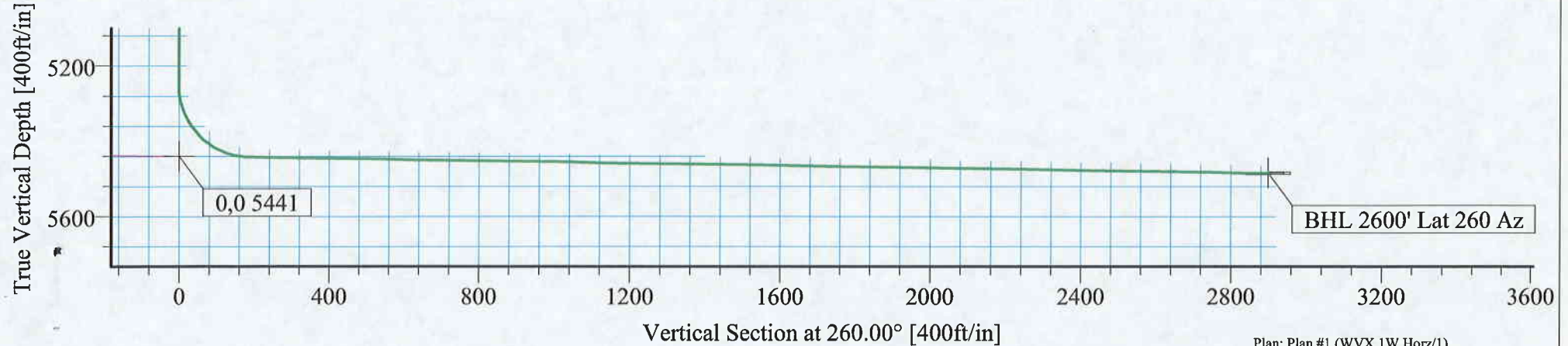
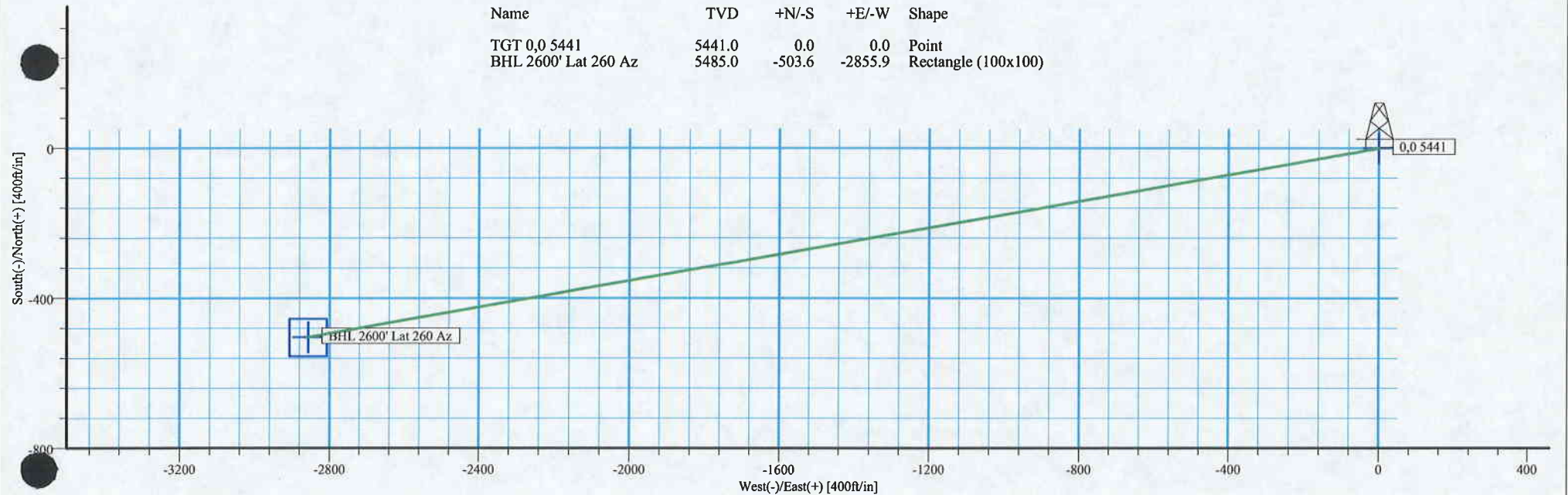
**Water Depth: 0.0**  
**Positional Uncertainty: 0.0**  
**Convergence: 1.27**

**SECTION DETAILS**

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	260.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5251.4	0.00	260.00	5251.4	0.0	0.0	0.00	0.00	0.0	
3	5548.4	89.10	260.00	5442.4	-32.6	-185.1	30.00	260.00	188.0	
4	8260.8	89.10	260.00	5485.0	-503.6	-2855.9	0.00	0.00	2900.0	BHL 2600' Lat 260 Az

**TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Shape
TGT 0,0 5441	5441.0	0.0	0.0	Point
BHL 2600' Lat 260 Az	5485.0	-503.6	-2855.9	Rectangle (100x100)



Plan: Plan #1 (WVX 1W Horz/1)

Created By: Steve Schmitz

Date: 3/4/2005





Weatherford



Automatic True North  
Magnetic North: 11.93°  
Magnetic Field  
Sample: 275000  
Date: 04/17/2005  
Time: 14:00:00  
Mach: 10000

QUESTAR

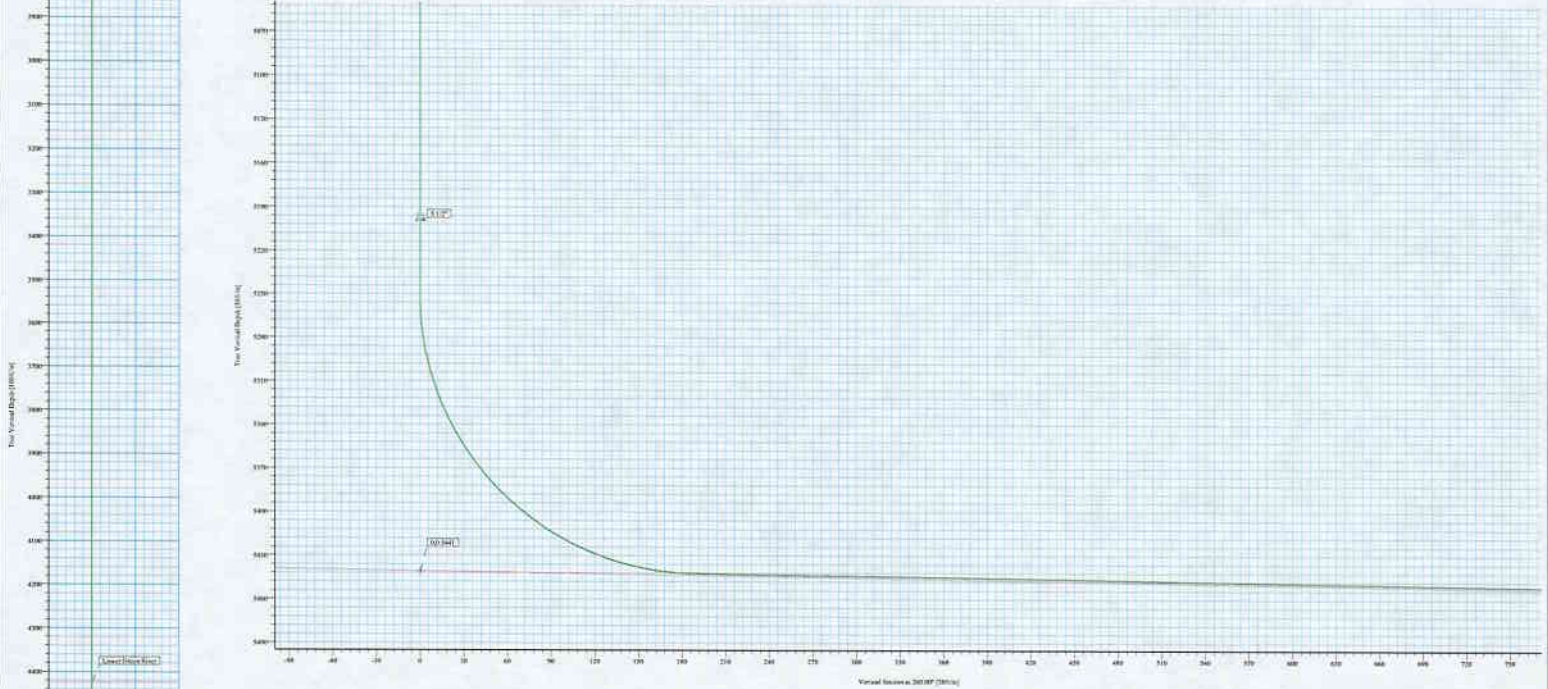
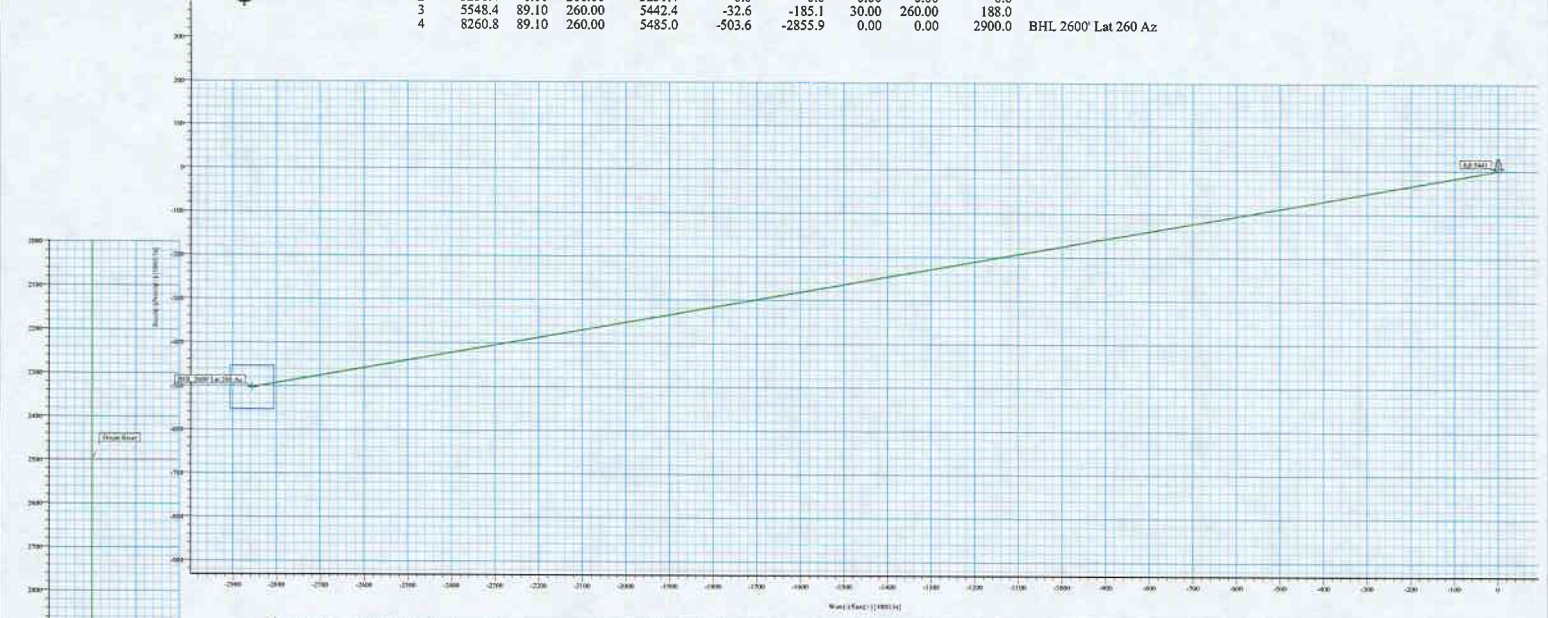
SITE DETAILS

WVX 1W-17-8-21  
Sec 17 T8S R21E  
682' FNL & 653' FEL

Water Depth: 0.0  
Positional Uncertainty: 0.0  
Convergence: 1.27

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.0	0.00	260.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5251.4	0.00	260.00	5251.4	0.0	0.0	0.00	0.00	0.0	
3	5548.4	89.10	260.00	5442.4	-32.6	-185.1	30.00	260.00	188.0	
4	8260.8	89.10	260.00	5485.0	-503.6	-2855.9	0.00	0.00	2900.0	BHL 2600' Lat 260 Az



TARGET DETAILS

Name	TVD	+N-S	+E-W	Shape
0.0 5441	5441.0	0.0	0.0	Point
BHL 2600' Lat 260 Az	5485.0	-503.6	-2855.9	Rectangle (100x100)

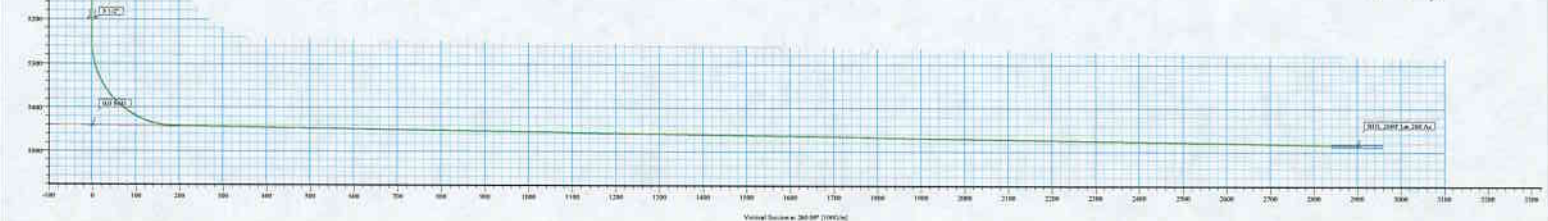
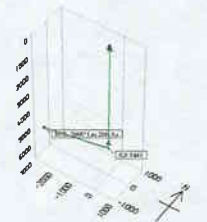
Plot File #1 (WVX 1W-17-8-21)  
Created By: Steve Schmitz Date: 3/4/2005  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approval: \_\_\_\_\_ Date: \_\_\_\_\_

CASING DETAILS

No.	TVD	MD	Name	Size
1	5200.0	5200.0	5 1/2"	5.500

FORMATION TOP DETAILS

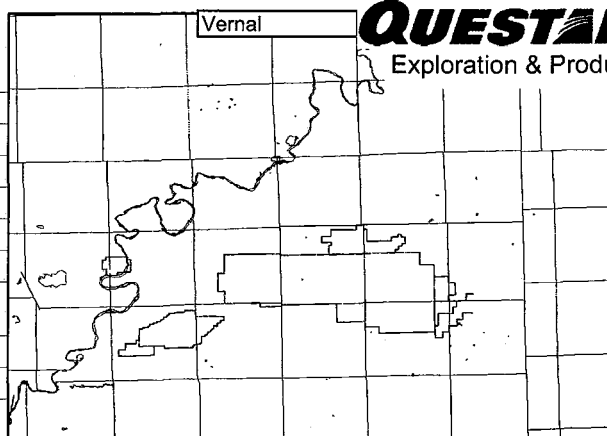
No.	TVDPath	MDPath	Formation
1	2500.0	2500.0	Green River
2	4425.0	4425.0	Lower Green River



## Well Info

**Well Name:** WVX 1W-17-8-21  
**UWI:** 43-047-34927  
**Field:** Gypsum Hills Unit (Tgr)  
**Location:** Section 17 T8S R21E  
682' fnl 653' fel  
NE NE  
**Lat Long (d.d)** 40.12906, -109.57088  
**GL:** 4796  
**DF:** 4810  
**KB:** 4811

**csg depth (ft):**  
**csg size (in):** 5.5" for Tgr comp. or 4.5" for Tw wellbore  
**Rig** Patterson #52



**QUESTAR**  
Exploration & Production

RAB 2/24/2005rev

## TOPS

Fm.	MD / TVD - ft	comments
Uinta	surface	
Green River Fm.	2500	
Lower Green River	4425	
casing / window	TBD*	pre-drill est. at 5241'
G1 ls top porosity	5441	expect 5-6' limestone bed thickness
Wasatch	6148	
TD	7950	

## Formation Evaluation

Mud Log Program Depth

Unmanned unit	surface - vertTD'
gas detection	
2-Man unit	csg / window to HZTD

Geophysical Depth  
Log Program

GR/SP/cal/Ind/Den-Neut surf csg to vert TD

DST Depth  
none

**Drilling Plan - Option A :** drill normal vertical hole to top of bend section, set 5.5" (?) casing; then drill out directionally for bend and horizontal hole (no sump; no test of deeper Wasatch). **Option B:** drill vertical hole to evaluate Tw with elogs and mudlog; then, either set pipe to complete Tw, skid rig, and immediately redrill to Tgr in separate wellbore, or if no Tw pay in original hole, set casing sufficient to drill horizontal lateral into G1 lime from the first borehole. **Both:** The Tgr objective is to place a +/- 2600' horizontal lateral in G1 porosity along 260 degree azimuth, expect 0.9 degree down apparent dip.

**Local Tgr Structure** - N55E strike, 1.7 degree NW dip.

**Collision** - no concerns unless there is a 1W17 cased wellbore to avoid intersecting while drilling the vertical Tgr hole.

**Hardlines** - Horizontal portion of G1 hole must remain 660' or more from the north line of section 17.

Daily mud log reports to should be sent by email to the Denver office and to the Vernal office.

Final mud log prints: 3 copies to Denver, 1 copy to the Vernal office.

Standard distribution, no partners (no III).

CONFIDENTIAL  
3/3/2005

## PHONE NUMBERS

### MUDLOGGERS:

Tooke Office - Tgr HZ	307-265-2124	Tooke	(Casper WY)
Loren Martian	307-262-7275	Tooke - Geol Consultant	(manned unit)
Blake Porter		Pason - shallow & Tw hole	(unmanned unit)

### WIRELINE COMPANIES:

Les Garrett	303-293-0600	Atlas Wireline	(sales - Denver)
Blake Spellman	303-899-4740	Halliburton	(sales - Denver)
Garry Williams	303-594-1254	Schlumberger	(sales - Denver)

### Questar GEOLOGY:

Bob Basse	303-308-3604		(office)
Tgr contact	303-733-7307		(home)
	<u>bob.basse@questar.com</u>		(e-mail)
Russell Griffin	435-781-4333		(office)
back-up	435-828-4333		(mobile)
	435-722-4962		(home)
	<u>russell.griffin@questar.com</u>		(e-mail)
JD Herman	303-308-3075		(office)
Tw contact	303-808-8943		(mobile)
	720-488-4213		(home)
	<u>jd.herman@questar.com</u>		(e-mail)

### Questar DRILLING:

Steve Hall	303-672-36919	Drilling Engineer	
	303-916-41990		(cell)
	303-693-2235		(home)
Darryl Knop	435-828-0394	(Drilling Supervisor)	
Patterson #51	435-828-0385		
Patterson #52	435-828-0381		
Caza #24			

### OTHER NUMBERS:

Jim Simonton	435-790-5467	Western District Field Rep	(mobile)
RW Gas Plant	435-781-4327	(24 hour coverage)	(work)
Mike Alexander	435-781-4307	(RW Production Foreman)	(work)
	435-828-4328		(mobile)
	435-789-4328		(home)

Questar Exploration & Production  
1050 17th Street, Suite 500  
Denver, Colorado 80202  
  
ph. 303-295-0400  
fax 303-295-0222  
log fax. 303-295-6649

Questar Exploration & Production  
11002 East 17500 South  
Vernal, Utah 84066  
  
ph. 435-781-4300  
fax 435-781-4329

# Weatherford Planning Report

<b>Company:</b> Questar E & P <b>Field:</b> Uintah Basin NAD 1983 <b>Site:</b> WVX 1W-17-8-21 <b>Well:</b> WVX 1W Horz <b>Wellpath:</b> 1	<b>Date:</b> 3/4/2005 <b>Co-ordinate(NE) Reference:</b> Site: WVX 1W-17-8-21, True North <b>Vertical (TVD) Reference:</b> SITE 0.0 <b>Section (VS) Reference:</b> Site (0.00N,0.00E,260.00Azi) <b>Plan:</b> Plan #1
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<b>Field:</b> Uintah Basin NAD 1983 Utah  <b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Northern Zone <b>Coordinate System:</b> Site Centre <b>Geomagnetic Model:</b> igrf2005
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<b>Site:</b> WVX 1W-17-8-21 Sec 17 T8S R21E 682' FNL & 653' FEL  <b>Site Position:</b> <b>From:</b> Lease Line <b>Position Uncertainty:</b> 0.0 ft <b>Ground Level:</b> 0.0 ft	<b>Northing:</b> ft <b>Easting:</b> ft  <b>Latitude:</b> <b>Longitude:</b> <b>North Reference:</b> True <b>Grid Convergence:</b> 1.27 deg
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<b>Well:</b> WVX 1W Horz  <b>Well Position:</b> +N/-S 0.0 ft +E/-W 0.0 ft <b>Position Uncertainty:</b> 0.0 ft	<b>Slot Name:</b>  <b>Latitude:</b> 40 7 44.616 N <b>Longitude:</b> 109 34 15.168 W
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<b>Wellpath:</b> 1  <b>Current Datum:</b> SITE <b>Magnetic Data:</b> 3/4/2005 <b>Field Strength:</b> 53066 nT <b>Vertical Section:</b> Depth From (TVD) ft 0.0	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.0 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.93 deg <b>Mag Dip Angle:</b> 66.12 deg <b>+E/-W</b> Direction deg 0.0 260.00
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<b>Plan:</b> Plan #1  <b>Principal:</b> Yes	<b>Date Composed:</b> 3/4/2005 <b>Version:</b> 1 <b>Tied-to:</b> From Surface
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## Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.0	0.00	260.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5251.4	0.00	260.00	5251.4	0.0	0.0	0.00	0.00	0.00	0.00	
5548.4	89.10	260.00	5442.4	-32.6	-185.1	30.00	30.00	0.00	260.00	
8260.8	89.10	260.00	5485.0	-503.6	-2855.9	0.00	0.00	0.00	0.00	BHL 2600' Lat 260 Az

## Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.0	0.00	260.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
100.0	0.00	260.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
200.0	0.00	260.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
300.0	0.00	260.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
400.0	0.00	260.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
500.0	0.00	260.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
600.0	0.00	260.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
700.0	0.00	260.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
800.0	0.00	260.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
900.0	0.00	260.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1000.0	0.00	260.00	1000.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1100.0	0.00	260.00	1100.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1200.0	0.00	260.00	1200.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1300.0	0.00	260.00	1300.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1400.0	0.00	260.00	1400.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1500.0	0.00	260.00	1500.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1600.0	0.00	260.00	1600.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1700.0	0.00	260.00	1700.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1800.0	0.00	260.00	1800.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
1900.0	0.00	260.00	1900.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00



# Weatherford

## Planning Report

**Company:** Questar E & P  
**Field:** Uintah Basin NAD 1983  
**Site:** WVX 1W-17-8-21  
**Well:** WVX 1W Horz  
**Wellpath:** 1

**Date:** 3/4/2005  
**Co-ordinate(NE) Reference:** Site: WVX 1W-17-8-21, True North  
**Vertical (TVD) Reference:** SITE 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,260.00Azi)  
**Plan:** Plan #1

Page: 2

### Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2000.0	0.00	260.00	2000.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2100.0	0.00	260.00	2100.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2200.0	0.00	260.00	2200.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2300.0	0.00	260.00	2300.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2400.0	0.00	260.00	2400.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2500.0	0.00	260.00	2500.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2600.0	0.00	260.00	2600.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2700.0	0.00	260.00	2700.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2800.0	0.00	260.00	2800.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
2900.0	0.00	260.00	2900.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3000.0	0.00	260.00	3000.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3100.0	0.00	260.00	3100.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3200.0	0.00	260.00	3200.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3300.0	0.00	260.00	3300.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3400.0	0.00	260.00	3400.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3500.0	0.00	260.00	3500.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3600.0	0.00	260.00	3600.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3700.0	0.00	260.00	3700.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3800.0	0.00	260.00	3800.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
3900.0	0.00	260.00	3900.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4000.0	0.00	260.00	4000.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4100.0	0.00	260.00	4100.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4200.0	0.00	260.00	4200.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4300.0	0.00	260.00	4300.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4400.0	0.00	260.00	4400.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4425.0	0.00	260.00	4425.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4500.0	0.00	260.00	4500.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4600.0	0.00	260.00	4600.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4700.0	0.00	260.00	4700.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4800.0	0.00	260.00	4800.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
4900.0	0.00	260.00	4900.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
5000.0	0.00	260.00	5000.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
5100.0	0.00	260.00	5100.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
5200.0	0.00	260.00	5200.0	0.0	0.0	0.0	0.00	0.00	0.00	260.00
5251.4	0.00	260.00	5251.4	0.0	0.0	0.0	0.00	0.00	0.00	260.00

### Section 2 : Start Build 30.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5260.0	2.57	260.00	5260.0	0.0	-0.2	0.2	30.00	30.00	0.00	0.00
5270.0	5.57	260.00	5270.0	-0.2	-0.9	0.9	30.00	30.00	0.00	0.00
5280.0	8.57	260.00	5279.9	-0.4	-2.1	2.1	30.00	30.00	0.00	0.00
5290.0	11.57	260.00	5289.7	-0.7	-3.8	3.9	30.00	30.00	0.00	0.00
5300.0	14.57	260.00	5299.5	-1.1	-6.0	6.1	30.00	30.00	0.00	0.00
5310.0	17.57	260.00	5309.1	-1.5	-8.8	8.9	30.00	30.00	0.00	0.00
5320.0	20.57	260.00	5318.5	-2.1	-12.0	12.2	30.00	30.00	0.00	0.00
5330.0	23.57	260.00	5327.8	-2.8	-15.7	15.9	30.00	30.00	0.00	0.00
5340.0	26.57	260.00	5336.9	-3.5	-19.9	20.2	30.00	30.00	0.00	0.00
5350.0	29.57	260.00	5345.7	-4.3	-24.5	24.9	30.00	30.00	0.00	0.00
5360.0	32.57	260.00	5354.2	-5.2	-29.6	30.0	30.00	30.00	0.00	0.00
5370.0	35.57	260.00	5362.5	-6.2	-35.1	35.6	30.00	30.00	0.00	0.00
5380.0	38.57	260.00	5370.5	-7.2	-41.0	41.7	30.00	30.00	0.00	0.00
5390.0	41.57	260.00	5378.2	-8.4	-47.4	48.1	30.00	30.00	0.00	0.00
5400.0	44.57	260.00	5385.5	-9.5	-54.1	54.9	30.00	30.00	0.00	0.00
5410.0	47.57	260.00	5392.4	-10.8	-61.2	62.1	30.00	30.00	0.00	0.00
5420.0	50.57	260.00	5399.0	-12.1	-68.6	69.7	30.00	30.00	0.00	0.00
5430.0	53.57	260.00	5405.1	-13.5	-76.4	77.6	30.00	30.00	0.00	0.00
5440.0	56.57	260.00	5410.8	-14.9	-84.5	85.8	30.00	30.00	0.00	0.00
5450.0	59.57	260.00	5416.1	-16.4	-92.8	94.3	30.00	30.00	0.00	0.00
5460.0	62.57	260.00	5420.9	-17.9	-101.4	103.0	30.00	30.00	0.00	0.00
5470.0	65.57	260.00	5425.3	-19.4	-110.3	112.0	30.00	30.00	0.00	0.00
5480.0	68.57	260.00	5429.2	-21.0	-119.4	121.2	30.00	30.00	0.00	0.00
5490.0	71.57	260.00	5432.6	-22.7	-128.6	130.6	30.00	30.00	0.00	0.00

# Weatherford Planning Report

Company: Questar E & P  
Field: Uintah Basin NAD 1983  
Site: WVX 1W-17-8-21  
Well: WVX 1W Horz  
Wellpath: 1

Date: 3/4/2005 Time: 11:11:40 Page: 3  
Co-ordinate(NE) Reference: Site: WVX 1W-17-8-21, True North  
Vertical (TVD) Reference: SITE 0.0  
Section (VS) Reference: Site (0.00N,0.00E,260.00Azi)  
Plan: Plan #1

## Section 2 : Start Build 30.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5500.0	74.57	260.00	5435.5	-24.3	-138.0	140.2	30.00	30.00	0.00	0.00
5510.0	77.57	260.00	5437.9	-26.0	-147.6	149.9	30.00	30.00	0.00	0.00
5520.0	80.57	260.00	5439.8	-27.7	-157.3	159.7	30.00	30.00	0.00	0.00
5530.0	83.57	260.00	5441.2	-29.5	-167.0	169.6	30.00	30.00	0.00	0.00
5540.0	86.57	260.00	5442.1	-31.2	-176.8	179.6	30.00	30.00	0.00	0.00
5548.4	89.10	260.00	5442.4	-32.6	-185.1	188.0	30.00	30.00	0.00	0.00

## Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5600.0	89.10	260.00	5443.2	-41.6	-235.9	239.5	0.00	0.00	0.00	0.00
5700.0	89.10	260.00	5444.8	-59.0	-334.4	339.5	0.00	0.00	0.00	0.00
5800.0	89.10	260.00	5446.3	-76.3	-432.8	439.5	0.00	0.00	0.00	0.00
5900.0	89.10	260.00	5447.9	-93.7	-531.3	539.5	0.00	0.00	0.00	0.00
6000.0	89.10	260.00	5449.5	-111.0	-629.8	639.5	0.00	0.00	0.00	0.00
6100.0	89.10	260.00	5451.1	-128.4	-728.2	739.5	0.00	0.00	0.00	0.00
6200.0	89.10	260.00	5452.6	-145.8	-826.7	839.5	0.00	0.00	0.00	0.00
6300.0	89.10	260.00	5454.2	-163.1	-925.2	939.5	0.00	0.00	0.00	0.00
6400.0	89.10	260.00	5455.8	-180.5	-1023.7	1039.4	0.00	0.00	0.00	0.00
6500.0	89.10	260.00	5457.3	-197.9	-1122.1	1139.4	0.00	0.00	0.00	0.00
6600.0	89.10	260.00	5458.9	-215.2	-1220.6	1239.4	0.00	0.00	0.00	0.00
6700.0	89.10	260.00	5460.5	-232.6	-1319.1	1339.4	0.00	0.00	0.00	0.00
6800.0	89.10	260.00	5462.1	-249.9	-1417.5	1439.4	0.00	0.00	0.00	0.00
6900.0	89.10	260.00	5463.6	-267.3	-1516.0	1539.4	0.00	0.00	0.00	0.00
7000.0	89.10	260.00	5465.2	-284.7	-1614.5	1639.4	0.00	0.00	0.00	0.00
7100.0	89.10	260.00	5466.8	-302.0	-1712.9	1739.4	0.00	0.00	0.00	0.00
7200.0	89.10	260.00	5468.3	-319.4	-1811.4	1839.3	0.00	0.00	0.00	0.00
7300.0	89.10	260.00	5469.9	-336.8	-1909.9	1939.3	0.00	0.00	0.00	0.00
7400.0	89.10	260.00	5471.5	-354.1	-2008.3	2039.3	0.00	0.00	0.00	0.00
7500.0	89.10	260.00	5473.1	-371.5	-2106.8	2139.3	0.00	0.00	0.00	0.00
7600.0	89.10	260.00	5474.6	-388.9	-2205.3	2239.3	0.00	0.00	0.00	0.00
7700.0	89.10	260.00	5476.2	-406.2	-2303.7	2339.3	0.00	0.00	0.00	0.00
7800.0	89.10	260.00	5477.8	-423.6	-2402.2	2439.3	0.00	0.00	0.00	0.00
7900.0	89.10	260.00	5479.3	-440.9	-2500.7	2539.3	0.00	0.00	0.00	0.00
8000.0	89.10	260.00	5480.9	-458.3	-2599.2	2639.2	0.00	0.00	0.00	0.00
8100.0	89.10	260.00	5482.5	-475.7	-2697.6	2739.2	0.00	0.00	0.00	0.00
8200.0	89.10	260.00	5484.0	-493.0	-2796.1	2839.2	0.00	0.00	0.00	0.00
8260.8	89.10	260.00	5485.0	-503.6	-2855.9	2900.0	0.00	0.00	0.00	0.00

## Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
0,0 5441			5441.0	0.0	0.0	3212402.90	2179905.02	40	7	44.616 N	109	34	15.168 W
-Plan out by 167.74 at			5441.0	-29.1	-165.2	3212370.11	2179740.51	40	7	44.328 N	109	34	17.294 W
BHL 2600' Lat 260 Az			5485.0	-503.6	-2855.9	3211836.04	2177060.96	40	7	39.639 N	109	34	51.929 W
-Rectangle (100x100)													

## Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2500.0	2500.0	Green River		0.00	0.00
4425.0	4425.0	Lower Green River		0.00	0.00
	0.0	G1 Top Porosity		0.90	260.00
	0.0	Wasatch		0.00	0.00

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/18/2005

API NO. ASSIGNED: 43-047-34927

WELL NAME: GH 1G-17-8-21

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: STEPHANIE TOMKINSON

**AMENDED**

PHONE NUMBER: 435-781-4308

PROPOSED LOCATION:

NENE 17 080S 210E

SURFACE: 0682 FNL 0653 FEL

BOTTOM: 1186 FNL 1771 FWL

UINTAH

GYPSUM HILLS ( 610 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-68219

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.12907

LONGITUDE: -109.5709

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. B000024 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-8496 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

*Horizontal*

\_\_\_ R649-2-3.

Unit GYPSUM HILLS (GREEN RIVER)

\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

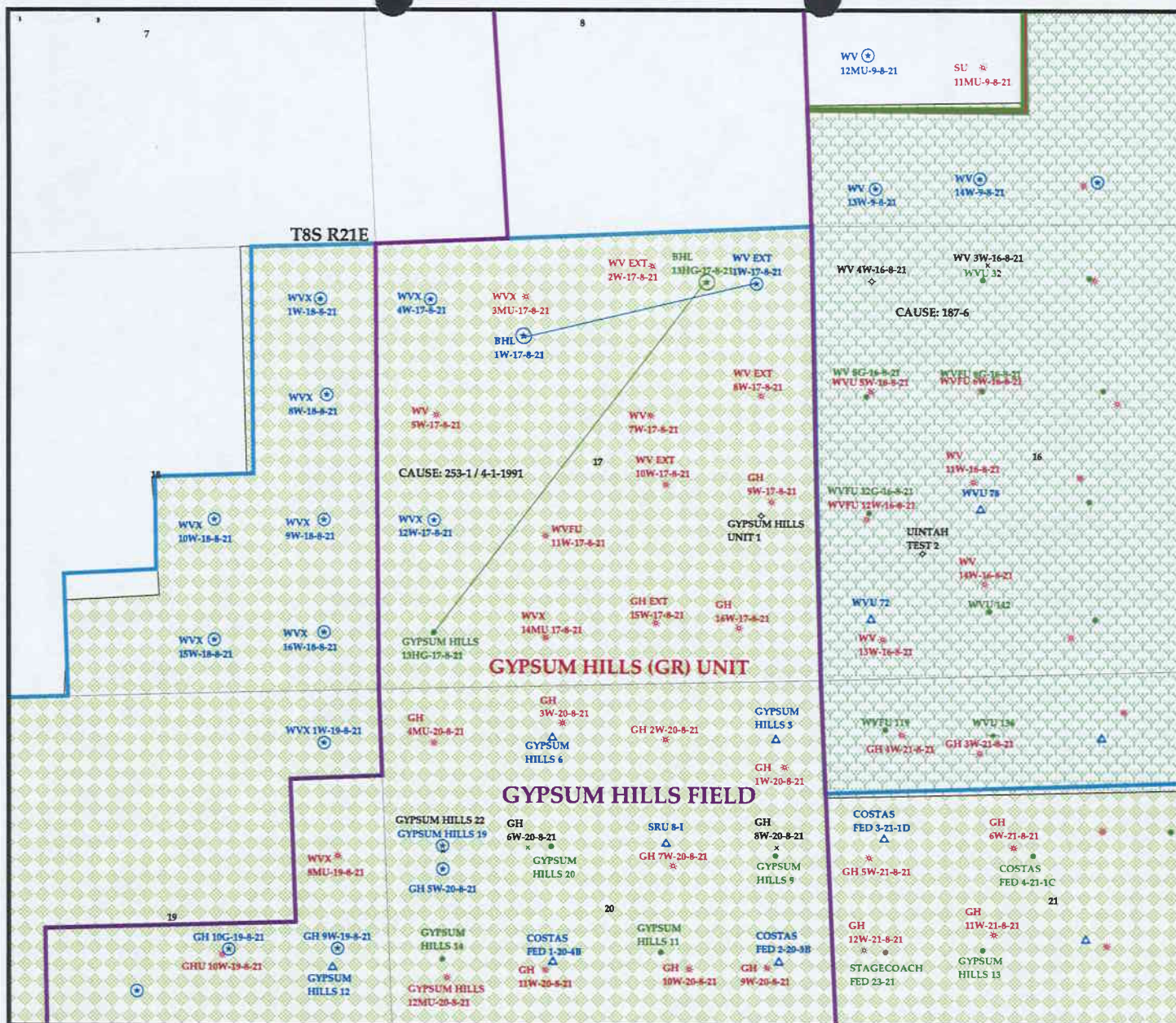
\_\_\_ R649-3-3. Exception

☒ Drilling Unit  
Board Cause No: *253-1*  
Eff Date: *4-1-1991*  
Siting: *See Cause order*

\_\_\_ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: *1- Federal Approval*



OPERATOR- QEP UINTA BASIN (N2460)

SEC. 17 T.8S R.21E

FIELD: GYPSUM HILLS (610)

COUNTY: UINTAH

CAUSE: 253-1 / 4-1-1991



PREPARED BY: DIANA WHITNEY  
DATE: 25-MARCH-2005



**FILED**

**JUN 14 2004**

**SECRETARY, BOARD OF  
OIL, GAS & MINING**

**BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH**

IN THE MATTER OF THE REQUEST FOR AGENCY ACTION OF QEP UINTA BASIN, INC. FOR APPROVAL OF UNIT OPERATIONS AND ENHANCED AND SECONDARY RECOVERY OPERATIONS IN THE ENLARGED GYPSUM HILLS UNIT IN THE GREEN RIVER FORMATION IN TOWNSHIP 8 SOUTH, RANGE 21 EAST, SLM, UINTAH COUNTY, UTAH, FOR AUTHORITY FOR UNDERGROUND INJECTION OF WATER, FOR EXCEPTION TO THE SITING AND TEMPORARY SPACING REQUIREMENTS FOR HORIZONTAL WELLS AND THE SITING AND LOCATION REQUIREMENTS FOR VERTICAL WELLS, AND FOR CERTIFICATION AS AN ENHANCED RECOVERY PROJECT FOR PURPOSES OF SECTION 59-5-102(7) OF THE UTAH CODE, ANNOTATED.

**FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER GRANTING APPROVAL OF UNIT OPERATIONS AND ENHANCED RECOVERY AND FOR CERTIFICATION AS AN ENHANCED RECOVERY PROJECT**

Docket No. 2004-007

Cause No. 253-01

This cause came on regularly for hearing before the Utah Board of Oil, Gas and Mining (the "Board") on Wednesday, May 26, 2004, at the hour of 10:00 a.m. The following Board members were present at the hearing: W. Allan Mashburn, Chairman; Douglas Johnson; Robert Bayer; Stephanie Cartwright; Kent Petersen; Samuel Quigley; and James Peacock. Gil Hunt, Technical Services Manager, Oil & Gas Conservation section for the Division of Oil, Gas and Mining (the "Division") testified on behalf of the Division, and Alison Garner, Assistant Attorney General, counsel to the Division were present. Michael Johnson, Assistant Attorney General and counsel to the Board was also present. The Petitioner, QEP Uintah Basin, Inc., ("QEP"), was represented by A. John

Davis, III of Pruitt Gushee, and Frank Nielsen, Regional Land Manager, Robert Basse, Geologist and Jerry Pope, Senior Engineer, testified on behalf of QEP.

Attending and participating on behalf of the Bureau of Land Management ("BLM") was Michael Coulthard, Petroleum Engineer, and Terry Catlin, Acting Chief, Branch of Fluid Minerals.

NOW, THEREFORE, the Board having fully considered the testimony adduced and the exhibits received into evidence at the hearing, being fully advised, and good cause appearing, hereby makes the following Findings of Fact, Conclusions of Law, and Order:

#### **FINDINGS OF FACT**

1. Notices of the time, place, and purpose of the May 26, 2004 hearing were mailed to all interested parties by certified mail, return receipt requested, postage prepaid, and were duly published in newspapers of general circulation pursuant to the requirements of Utah Administrative Code ("U.A.C.") Rule R641-106-100 (2004). Copies of the Request for Agency Action were likewise mailed to all interested parties pursuant to U.A.C. Rule R641-104-135. No protests to the request for Agency Action were timely received. A written comment from Stonegate Resources, L.L.C. was timely received and considered by the Board. Stonegate Resources, L.L.C. did not oppose the Request for Agency Action in its written comment and did not participate at the hearing.

On May 25, 2004, the night before the hearing, the Board received a document styled "Opposition of Ute Indian Tribe of the Uintah and Ouray Reservation to Request for Agency Action" filed on behalf of the Tribe by one Lynn Becker, Director Ute Indian Tribe Department of Energy and Minerals. The protest concerned private contractual matters pertaining to surface access which are not relevant to the Board's decision in this Cause. Additionally, QEP objected to the Board's consideration of such attempted protest on the grounds that any such protest was required to have been submitted to the Board either prior to the 10<sup>th</sup> day of May, or two weeks prior to the scheduled hearing, whichever was earlier, see U.A.C. R641-105-200, unless the Board decides to consider the response upon motion made by the respondent at or before the hearing. The Tribe made no such motion, and the Board declined to consider the Tribe's filing on the grounds that it was not timely filed. The Tribe did not appear or attempt to participate at the hearing.

2. QEP is a Delaware corporation in good standing, having its principal place of business in Denver, Colorado and is qualified to do business in Utah.

3. The Enlarged Gypsum Hills Unit enhanced and secondary recovery operations ("Enlarged Gypsum Hills Unit") embraces the following described lands in Uintah County, Utah:

Township 8 South, Range 21 East, USM

Section 17: All  
Section 18: E $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$   
Section 19: Lot 1 (39.39 acres), Lot 2 (39.33 acres),  
Lot 3 (39.27 acres), E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$   
Section 20: All  
Section 21: S $\frac{1}{2}$ , S $\frac{1}{2}$ N $\frac{1}{2}$

(Containing 2,637.99 acres, more or less)

4. The Formation to be approved for expanded enhanced and secondary recovery operations is a portion of the Green River Formation consisting of several sandstone and limestone beds of varying thickness, more particularly described as follows:

That certain interval in the Green River formation as identified by the Schlumberger Induction Electrical Log run in the Gulf Oil Exploration and Production Company – Costas Federal #2-20-3B well located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 20, Township 8 South, Range 21 East, Uintah County, Utah, with the top of the Unitized Formation being found at a depth of 5,028 feet below the surface (-331 feet subsea) and the base of the Unitized Formation being found at a depth of 5,229 feet below the surface (-532 feet subsea) or to the stratigraphic equivalent thereof.

Hereinafter the "Unit Interval."

5. The minerals in the lands embraced within the proposed Enlarged Gypsum Hills Unit are owned by the United States of America and are subject to Federal Oil and



Gas Lease Numbers: UTU-025960; UTU-025962; UTU-0140740; UTU-68217; UTU-68219; and UTU-68220.

6. The surface of all the lands embraced within the Enlarged Gypsum Hills Unit is owned by the United States in Trust for the Ute Indian Tribe of the Uintah and Ouray Indian Reservation (the "Reservation"). The United States Environmental Protection Agency has jurisdiction over and administers underground injection control with respect to injection wells within the Reservation.

7. The lands within the existing Gypsum Hills Unit are subject to that certain Unit Agreement and Plan of Unitization for the Development and Operation of the Gypsum Hills (Green River) Secondary Recovery Unit Area, effective April 1, 1991, UTU-67915A (the "Unit Plan"). The Unit Plan was approved by the Department of the Interior, BLM, on March 21, 1991.

8. The proposed expansion of the Gypsum Hills Unit was preliminarily approved by the BLM by letter dated May 24, 2004, and filed with the Board on May 25, 2004.

9. All owners of working interest and the owner of 100% of the leasehold royalty interest, the United States, are agreeable to the plan of Unit development and to enhanced and secondary recovery operations and have executed the Gypsum Hills Unit Plan to achieve that end.

10. Drilling has proceeded under state-wide location and density patterns for the location and siting of wells established by Rule R649-3-2, U.A.C., and predecessor rules.

11. In addition to vertical wells, QEP has proposed to drill at least one, and if successful, several horizontal laterals from existing vertical wells targeting the interval known as the G1 Limestone within the Unit Interval. These horizontal laterals will allow greater oil production from the thinning edges of the G1 Limestone reservoir than traditional vertical wells by capturing oil at the outer edges of the structure. The outer edges of the G1 Limestone accumulation are contained within the lands encompassed in the proposed Enlarged Gypsum Hills Unit.

12. The restrictions on location of horizontal wells contained in U.A.C. Rules R649-3-2.5, -2.6 and -2.7 do not apply within federally supervised units such as the Enlarged Gypsum Hills Unit. Location of such horizontal laterals within the unit shall comply with the 660 foot set back requirement of R649-3-2.3.

13. Implementation of the enhanced recovery operations as outlined in Petitioner's Request for Agency Action and as presented at the May 26, 2004 hearing on the proposed Enlarged Gypsum Hills Unit area is estimated to increase ultimate recovery by approximately 501,000 barrels of oil. Water injection has been conducted in the

existing Gypsum Hills Unit and has increased production showing a clear response to the water injection program.

14. The water used as the injection medium for the Enlarged Gypsum Hills Unit is water diverted from the Green River under water rights owned by QEP. The amount injected is currently 750 barrels per day and may range up to 1,500 barrels per day at full field development.

15. The value of the estimated additional recovery of oil substantially exceeds the estimated additional cost incident to conducting enhanced and secondary recovery operations.

16. The United States Department of Interior, Bureau of Land Management has no objection to the proposed Enlarged Gypsum Hills Unit and enhanced and secondary recovery operations and has preliminarily approved the expansion of the unit and the amendments to the Unit Agreement.

17. Gil Hunt, the Technical Services Manager, Utah Division of Oil, Gas & Mining testified in support of the proposed unit enlargement and enhanced and secondary recovery operations.

18. QEP will be designated unit operator.

19. No formula for allocation of costs and production among owners is presently necessary because QEP or its affiliate Questar Exploration and Production

Company own 100% of the working interest in the Enlarged Gypsum Hills Unit area and because royalty interest burdens and ownership are uniform throughout the Unit Area.

20. Unit, enhanced and secondary recovery operations in the proposed Enlarged Gypsum Hills Unit area are necessary to fulfill the provisions of Chapter 6 of Title 40 of the Utah Code Annotated.

21. Section 59-5-102(7) of the Utah Code Annotated provides that a 50% reduction in the severance tax rate is applicable to the incremental production achieved from an enhanced recovery project. Section 59-5-101(6) provides, in pertinent part, that:

“Enhanced recovery project” means: (a) the injection of liquids . . . directly into a reservoir for the purpose of augmenting reservoir energy, modifying the properties of the fluids or gases in a reservoir, or changing the reservoir conditions to increase the recoverable oil, gas, or oil and gas through the joint use of two or more wellbores; and (b) a project initially approved by the board as a new or expanded enhanced recovery project on or after January 1, 1996.

Section 59-5-101(8) provides that:

“incremental production” means that part of production, certified by the Division of Oil, Gas and Mining, which is achieved from an enhanced recovery project that would not have economically occurred under the reservoir conditions existing before the project and that has been approved by the division as incremental production.

22. The unit, enhanced, and secondary operations for the proposed Enlarged Gypsum Hills Unit qualify as operations of an expanded enhanced recovery project for purposes of Section 59-5-102(7) of the Utah Code Annotated.

23. The vote of the Board members present at the hearing was unanimous in favor of granting the Request for Agency Action.

### **CONCLUSIONS OF LAW**

24. Due and regular notice of the time, place, and purposes of the May 26, 2004 hearing was given to all interested parties in the form and manner and within the time required by law and the Rules and Regulations of the Board. Due and regular notice of the filing of the Request for Agency Action was given to all interested parties in the form and manner and within the time required by law and the Rules and Regulations of the Board.

25. The Board has jurisdiction of the parties and subject matter of this Request for Agency Action, pursuant to Sections 40-6-5, 40-6-7, 40-6-8, and 59-5-102 of the Utah Code Annotated and has power and authority to make and promulgate the order herein set forth.

26. Unit, enhanced, and secondary recovery operations in the Enlarged Gypsum Hills Unit are in the public interest, will promote conservation, will increase ultimate recovery, will prevent waste, and will protect correlative rights.

27. Unit, enhanced, and secondary recovery operations for the Enlarged Gypsum Hills Unit are reasonably necessary to fulfill the purposes of Chapter 6 of Title 40 of the Utah Code Annotated.

28. Operation of the Enlarged Gypsum Hills Unit Areas as a Unit in the manner provided in the Unit Plan will accomplish the goals of the Enlarged Gypsum Hills Unit.

29. Good cause appears to certify the Enlarged Gypsum Hills Unit as an enhanced recovery project for the purposes of Section 59-5-102(7) of the Utah Code Annotated.

### **ORDER**

**IT IS THEREFORE ORDERED that:**

1. The Interval of the Green River Formation, defined as follows:

That certain interval in the Green River formation as identified by the Schlumberger Induction Electrical Log run in the Gulf Oil Exploration and Production Company – Costas Federal #2-20-3B well located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 20, Township 8 South, Range 21 East, Uintah County, Utah, with the top of the Unitized Formation being found at a depth of 5,028 feet below the surface (-331 feet subsea) and the base of the Unitized Formation being found at a depth of 5,229 feet below the surface (-532 feet subsea) or to the stratigraphic equivalent thereof.

underlying the lands collectively named the Enlarged Gypsum Hills Unit, described as follows:

Township 8 South, Range 21 East, USM, Uintah County, Utah

Section 17: All

Section 18: E $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$

Section 19: Lot 1 (39.39 acres), Lot 2 (39.33 acres),  
Lot 3 (39.27 acres), E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$

Section 20: All

Section 21: S $\frac{1}{2}$ , S $\frac{1}{2}$ N $\frac{1}{2}$

(Containing 2,637.99 acres, more or less)

constitutes a pool for the operation of the proposed unit and the Board hereby establishes the same as a pool to be operated as an enhanced and secondary recovery unit for the continued operation of all wells thereon. The lands and pool shall be known as the Enlarged Gypsum Hills Unit Area.

2. The unit hereby established shall be known as the Enlarged Gypsum Hills Unit.

3. The plan of operations set forth in the Unit Agreement in the form filed with the Board is hereby approved.

4. Pursuant to Utah Code Ann. §40-6-8(4), the Unit Plan as set forth in the Unit Agreement, as filed with the Board in this matter, shall be binding upon all owners of working interests or operating rights and all owners of lessor's royalty and other leasehold burdens as authorized by Utah Code Ann. §§40-6-7 and -8, because more than 70% of those owners have approved in writing the plan for unit operations prescribed by the Division and the Board.

5. The Unit Plan shall continue to govern the rights and performance of the parties thereto within the unit and unit operations, including expansion, contraction and termination of the unit. This order shall not alter or change the terms and conditions of the Unit plan.

6. The Enlarged Gypsum Hills Unit is certified as an expanded enhanced recovery project for purposes of the severance tax rate reduction pursuant to Section 59-5-102(7) of the Utah Code Annotated as of May 26, 2004.

7. State-wide field or well location and siting rules affecting the subject lands and formation are hereby suspended to the extent said orders or rules are inconsistent with this Order. If the Unit boundaries are contracted or the unit is terminated, such state-wide field or well siting rules shall resume upon the contraction or termination. Horizontal laterals shall comply with the 660 foot set back requirement of U.A.C. R649-3-2.3

8. Underground Injection Control (UIC) permits for the Enlarged Gypsum Hills Unit will continue to be issued by the EPA, Region VIII, who has jurisdiction over underground injection control within the Enlarged Gypsum Hills Unit Area.

9. The attempted protest of the Ute Indian Tribe was untimely and improper and the Tribe did not appear nor was it represented by a Utah attorney at the hearing in this matter. In accordance with the Rules of Practice and Procedure before the Board



Rules U.A.C. R641-105-100, et seq., and R64-106-100, et seq., such attempted protest was not considered by the Board.

10. The underground injection program proposed by QEP in connection with the enhanced and secondary recovery project is hereby approved.

11. Pursuant to U.A.C. R641-100-100 et seq. and Utah Code Ann. §63-46b-6 to -10, the Board has considered and decided this matter as a formal adjudication.

12. This Findings of Fact, Conclusion of Law and Order ("Order") is based exclusively upon evidence of record in this proceeding or on facts officially noted, and constitutes the signed written order stating the Board's decision and the reasons for the decision, as required by the Utah Administrative Procedures Act, Utah Code Ann. §63-46b-10 and the Rules of Practice and Procedure before the Board of Oil, Gas and Mining, U.A.C. R641-109 (2004); and constitutes a final agency action as defined in the Utah Administrative Procedures Act and Board Rules.

13. The Board hereby notifies all parties to this proceeding that they have the right to seek judicial review of this Order by filing a timely appeal with the Utah Supreme Court within 30 days after the date this Order is entered. Utah Code Ann. §63-46b-10(f).

14. As an alternative, but not as a prerequisite to judicial review, the Board hereby notifies all parties to this proceeding that they may apply for a reconsideration of

this Order. Utah Code Ann. §63-46b-10(e). The Utah Administrative Procedures Act provides:

(1)(a) Within 20 days after the date that an order is issued for which review by the agency or by a superior agency under Section 63-46b-12 is unavailable, and if the order would otherwise constitute final agency action, any party may file a written request for reconsideration with the agency, stating the specific grounds upon which relief is requested.

(b) Unless otherwise provided by statute, the filing of the request is not a prerequisite for seeking judicial review of the order.

(2) The request for reconsideration shall be filed with the agency and one copy shall be sent by mail to each party by the person making the request.

(3)(a) The agency head, or a person designated for that purpose, shall issue a written order granting the request or denying the request.

(b) If the agency head or the person designated for that purpose does not issue an order within 20 days after the filing of the request, the request for reconsideration shall be considered to be denied.

Utah Code Ann. §63-46b-13.

The Rules of Practice and Procedure before the Board of Oil, Gas and Mining entitled "Rehearing and Modification of Existing Orders" states:

Any person affected by a final order or decision of the Board may file a petition for rehearing. Unless otherwise provided, a petition for rehearing must be filed no later than the 10<sup>th</sup> day of the month following the date of signing of the final order or decision for which the rehearing is sought. A copy of such petition will be served on each other party to the proceeding no later than the 15<sup>th</sup> day of that month.

U.A.C. R641-110-100.

The Board hereby rules that should there be any conflict between the deadlines provided in the Utah Administrative Procedures Act and the Rules of Practice and Procedure before the Board of Oil, Gas and Mining, the later of the two deadlines shall be available to any party moving to rehear this matter. If the Board later denies a timely petition for rehearing, the aggrieved party may seek judicial review of the order by perfecting an appeal with the Utah Supreme Court within 30 days thereafter.

14. The Board retains continuing jurisdiction of all matters covered by this Order and of all parties affected thereby; and specifically, the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

15. The Chairman's signature on a facsimile copy of this Order shall be deemed the equivalent of a signed original for all purposes.

ISSUED this 14<sup>th</sup> day of June, 2004.

**STATE OF UTAH  
BOARD OF OIL, GAS AND MINING**

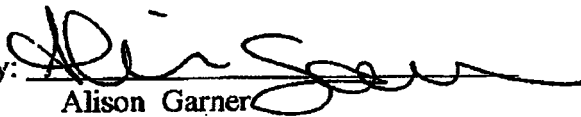
By:



W. Allan Mashburn, Chairman


Approved as to form

By:



Alison Garner  
Assistant Attorney General  
for the Division of Oil, Gas & Mining

By:



Michael Johnson  
Assistant Attorney General  
for the Board of Oil, Gas and Mining

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
UTU-68219
6. If Indian, Allottee or Tribe Name  
UTE TRIBE
7. If Unit or CA/Agreement, Name and/or No.  
N/A
8. Well Name and No.  
WVX 1W-17-8-21
9. API Well No.  
43-047-34927
10. Field and Pool, or Exploratory  
GYPSUM HILLS
11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
QEP UINTA BASIN INC.

Contact: AMY GARCIA  
E-Mail: Amy.Garcia@questar.com

3a. Address  
11002 E. 17500 S.  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435-781-4308  
Fx: 435-781-4329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T8S R21E NENE 682FNL 653FEL  
40.12898 N Lat, 109.57156 W Lon

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to change the name of the WVX 1W-17-8-21 to GH 1G-17-8-21.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #55298 verified by the BLM Well Information System  
For QEP UINTA BASIN INC., sent to the Vernal

Name (Printed/Typed) JAN NELSON

Title REGULATORY AFFAIRS ANALYST

Signature

(Electronic Submission)

Date 03/21/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED**

RECEIVED

MAR 23 2005

DIV. OF OIL, GAS & MINING

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

March 25, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development Gypsum Hills Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following horizontal well is planned for calendar year 2005 within the Gypsum Hills Unit, Uintah County, Utah. It was originally permitted as a vertical Wasatch well.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-047-34927 WV EXT 1W-17-8-21 Sec 17 T08S R21E 0682 FNL 0653 FEL	
Location at TD	1186 FNL 1771 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Gypsum Hills Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:3-25-05



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

2. Name of Operator

QEP, UINTA BASIN, INC.

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Contact: Dahn.Caldwell@questar.com

435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENE, 682' FNL, 653' FEL, Sec 17-T8S-R21E

5. Lease Designation and Serial No.

UTU-68219

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

GH 1G  
WVX 1W 17 8 21

9. API Well No.

43-047-34927

10. Field and Pool, or Exploratory Area

GYPSUM HILLS

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SPUD  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 4/7/05 - Set 30' of 14" conductor for bore hole.

On 4/7/05 - Drilled 12-3/8" hole to 485'. Ran 11 jts 9-5/8", J-55, 36# csg. Set shoe @ 473'. Cmted w/ 270 sxs Premium Cmt.

Have previously requested a name change from WVX 1W 17 8 21 to GH 1G 17 8 21.

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

RECEIVED  
APR 14 2005  
DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed Dahn F. Caldwell

Office Administrator II

Date 4/12/2005

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

CONFIDENTIAL

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

012

**ENTITY ACTION FORM**

Operator: QEP Uinta Basin, Inc. Operator Account Number: N 2460  
Address: 11002 East 17500 South  
city Vernal  
state UT zip 84078 Phone Number: (435) 781-4342

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734927	GH 1G 17 8 21		NENE	17	8	21	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>B</u>	<u>99999</u>	<u>5355</u>	<u>4/7/2005</u>		<u>4/21/05</u>		
Comments: <u>GPRU</u> <div align="right" style="font-size: 1.5em; font-weight: bold;">CONFIDENTIAL</div>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments: <div align="right" style="font-size: 1.2em; font-weight: bold;">RECEIVED</div>							

**APR 14 2005**

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIV OF OIL, GAS & MINING

Name (Please Print)

Signature

Office Administrator II

Title

4/7/2005

Date

**CONFIDENTIAL**

**WEEKLY OPERATIONS REPORT – June 16, 2005**

QEP

**UINTA BASIN**T08S R21E S-17  
43-042-34927**“Drilling Activity – Operated” 6-16-05**

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 3,571 feet. PTD 10,769' MD. Next well SG 6ML-11-8-22. PTD 11,200' MD.
- Patterson #52 – GHU 1G-17-8-21 drilling at 910 feet. Grass roots G-1 Lime horizontal well. Kickoff point is 4949'. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 13ML-24-8-22 drilling at 10,205 feet. PBTB 10,754' MD. Next well WRU EIH 14ML-24-8-22. PTD 10,383' MD.
- Caza #57 – GB 7M-28-8-21 drilling at 11,552 feet. PTD 12,850'. Next well EIH 8MU-25-8-22. PBTB 8,700'.

**“Completions & New Wells to Sales” 6-16-05:**

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales; RU CTU and drilled out final plug last Sat.; currently making 5.1 Mmcfd @ 642 psi FTP & 1275 psi CP on a 23/64" & 25/64" choke w/ 93 BWPD & 8 BOPD.

**GB 3M-27-8-21:** (77.5% WI) Well went to sales Weds. May 25<sup>th</sup>; tied into HP line on Tues. May 31<sup>st</sup>; currently flowing to sales @ 1.22 mmcfd @ 465 psi FTP and 1018 psi CP thru 2 units w/ wide-open chokes; w/ 240 BWPD & 20 BOPD.

**CWD 4ML-32-8-24:** (36.13% WI) 6 fracs pumped Tues./Weds.; well was flowing @ 825 psi FCP on a 24/64" w/ 30 BWPH; lubed in comp. BP and currently drilling plugs.

**EIH 1MU-25-8-22:** (100% WI) Frac'ing today w/ BJ.

**WEEKLY OPERATIONS REPORT – June 23, 2005**

QEP

**UINTA BASIN**TOS R21E S-17  
43-042-34927**"Drilling Activity – Operated" 6-16-05**

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 3,571 feet. PTD 10,769' MD. Next well SG 6ML-11-8-22. PTD 11,200' MD.
- Patterson #52 – GHU 1G-17-8-21 drilling at 910 feet. Grass roots G-1 Lime horizontal well. Kickoff point is 4949'. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 13ML-24-8-22 drilling at 10,205 feet. PBTD 10,754' MD. Next well WRU EIH 14ML-24-8-22. PTD 10,383' MD.
- Caza #57 – GB 7M-28-8-21 drilling at 11,552 feet. PTD 12,850'. Next well EIH 8MU-25-8-22. PBTD 8,700'.

**"Completions & New Wells to Sales" 6-16-05:**

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales; RU CTU and drilled out final plug last Sat.; currently making 5.1 Mmcfd @ 642 psi FTP & 1275 psi CP on a 23/64" & 25/64" choke w/ 93 BWPDP & 8 BOPD.

**GB 3M-27-8-21:** (77.5% WI) Well went to sales Weds. May 25<sup>th</sup>; tied into HP line on Tues. May 31<sup>st</sup>; currently flowing to sales @ 1.22 mmcfd @ 465 psi FTP and 1018 psi CP thru 2 units w/ wide-open chokes; w/ 240 BWPDP & 20 BOPD.

**CWD 4ML-32-8-24:** (36.13% WI) 6 fracs pumped Tues./Weds.; well was flowing @ 825 psi FCP on a 24/64" w/ 30 BWPH; lubed in comp. BP and currently drilling plugs.

**EIH 1MU-25-8-22:** (100% WI) Frac'ing today w/ BJ.

## WEEKLY OPERATIONS REPORT – June 30, 2005

QEP

### UINTA BASIN

TOSS R21E S-17  
43-047-34927

#### “Drilling Activity – Operated” 6-23-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 8,092 feet. PTD 10,769' MD. Next well SG 6ML-11-8-22. PTD 11,200' MD.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 5,610 feet in zone. Drill one 3500' G-1 lateral. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 14ML-24-8-22 directionally drilling at 6,675 feet. PBTD 10,383' MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIH 8MU-25-8-22 finish rigging up and spud today. PBTD 8,700'. Next well EIH 16MU-25-8-22. PTD 8,700'.

#### “Completions & New Wells to Sales” 6-30-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Planning to open up annulus to sales, but was curtailed to 3 mmcfpd. Currently producing 3.87 mmcfpd w/ 388 psi FTP, 1028 psi CP, 280 psi line pressure.

**GB 5M-9-8-22:** (77.5% WI) Perforated Mancos from 12,726' to 13,034'. Scheduled to frac tomorrow.

**RWU 12-35B:** (100% WI) To sales 6/25/05. Currently producing 2.75 BOPD & 21 BWPD.

**WRU EIH 12ML-24-8-22:** To sales 6/24/05. Currently producing 1.152 mmcfpd @ 685 psi FTP & 990 psi CP w/ 103 BWPD & 15 BOPD on a 21/64" ck.

**BSW 11MU-12-9-24:** Tubing landed, currently flow testing. Expected pipeline completion date July 12<sup>th</sup>. Currently flowing 10 bph @ 25 psi FTP & 25 psi CP on a 2" ck.

## WEEKLY OPERATIONS REPORT – July 7, 2005

QEP

### UINTA BASIN

T085 RA1E S-17  
43-042-34927

#### “Drilling Activity – Operated” 7-7-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 10,727 feet. PBTD extended to 10,900' MD. Next well SG 6ML-11-8-22. PTD 11,200'.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 6,455 feet in zone. Drill one 3500' G-1 lateral. Next well EIH 4MU-36-8-21. PBT 8,200'.
- True #26 – WRU EIH 14ML-24-8-22 drilling at 9,751 feet. PBTD 10,383' MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIH 8MU-25-8-22 drilling at 7818'. PBTD 8,700'. Next well EIH 16MU-25-8-22. PTD 8,700'.

#### “Completions & New Wells to Sales” 7-8-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Curtailed to 3 mmcfpd. Currently producing 2.9 mmcfpd w/ 950 psi FTP, 1200 psi CP, 900 psi line pressure.

**GB 5M-9-8-22:** (77.5% WI) Mancos B to sales 7-9-05. Tested at 175 psi on 32/64" choke, 1.2 mmcfpd. Will sell until horsepower available for next frac (expected 7-18-05).

**WRU EIH 11ML-24-8-22:** (43.75% WI) To sales 7-9-05. 4284 BLLTR.



## WEEKLY OPERATIONS REPORT – July 14, 2005

QEP

### UINTA BASIN

T08S R21E S-17  
43-047-34927

#### “Drilling Activity – Operated” 7-14-05

- Patterson #51 – SG 6ML-11-8-22 drilling at 3,333 feet. PTD 11,200'. Next well WK 9MU-2-9-24, True Oil farmout well.
- Patterson #52 – GHU 1G-17-8-21 reached TD at 8,316 feet in zone. Laid down drill pipe, set CIBP, rigging down to move. Next well EIHx 2MU-36-8-22. PBT 8,200'.
- True #26 – released rig to Chevron. Moving to Birch Creek Filed in Wyoming.
- Caza #57 – EIHx 16MU-25-8-22 drilling at 3,790 feet. PBTD 8,700'. Next well EIHx 1MU-36-8-22. PBTD 8150'.

#### “Completions & New Wells to Sales” 7-15-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 4.7 mmcfpd w/ 480 psi FTP & 500 psi CP. Will open well up more to draw down FTP and get rate over 5 mmcfpd.

**GB 5M-9-8-22:** (77.5% WI) Fracs for Blackhawk and Lower MV set for 7/18 & 19.

**WEEKLY OPERATIONS REPORT – July 28, 2005**QEP**UINTA BASIN**T08S R21ES-17  
43-042-34927**“Drilling Activity – Operated” 7-28-05**

- Patterson #51 – SG 6ML-11-8-22 washing and reaming back to bottom at 10,026 feet. PTD 11,200'. Next well WK 9MU-2-9-24, True Oil farmout well.
- Patterson #52 – EIHx 2MU-36-8-22 ran and cemented production casing, rig released, moving today. Next well EIHx 3MU-36-8-22. PBTd 8,300'.
- Caza #57 – EIHx 1MU-36-8-22 drilling at 7,259 feet. PBTd 8150'. Next well EIHx 4MU-36-8-22. PBTd 8,350'.

**“Completions & New Wells to Sales” 7-28-05:**

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 3.7 mmcfpd w/ 458 psi FTP & 443 psi FCP.

**GB 5M-9-8-22:** (77.5% WI) Fracs for Blackhawk and Lower MV 7/29 & 30.

**GB 7M-28-8-21:** (77.5% WI) Fracs moved up to Aug. 3<sup>rd</sup>/4<sup>th</sup>.

**GH 1G-17-8-21 (Hz):** (100% WI) Acidized w/ 20,000 gal. 15% HCl today.

## WEEKLY OPERATIONS REPORT – August 11, 2005

QEP

### UINTA BASIN

TOBS R21E 5-17  
43-047-34927

#### “Drilling Activity – Operated” 8-11-05

- Patterson #51 – WK 9MU-2-9-24 drilling at 6,541 feet. PBTD 7,000'. True Oil farmout well. Next the rig will be windowed out to Dominion for approximately 60 days.
- Patterson #52 – the rig has moved to the South Baxter Unit 27 in Sweetwater County, WY for Wexpro.
- Caza #57 – EIH 4MU-36-8-22 running casing at 8,300 feet TD. Next the rig will move to the Robbers Gulch #2 south of Wamsutter, WY. Location is being built.

#### “Completions & New Wells to Sales” 8-11-05:

**FR 9P-36-14-19:** (100% WI) Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 3.23 mmcfpd w/ 416 psi FTP & 428 psi FCP; 25 BW & 10 BO.

**GB 5M-9-8-22:** (77.5% WI) Drilled out plugs; landed tbg.; kicked off flowing to sales 8-8-05; currently flowing @ 331 mcfpd @ 214 psi FTP, 1082 psi CP on a 24/64" ck. w/ 213 BWPD & 25 BOPD.

**GB 7M-28-8-21:** (77.5% WI) Frac'd first Mancos zone w/ slickwater & 60,000 lbs 30/50 Econoprop; Frac'd 2<sup>nd</sup> Mancos w/ slickwater & 33,000 lbs. 30/50 Econoprop; Blackhawk frac'd today w/ 300 Mlbs. 20/40 Econoprop; went to sales 8-9-05; currently flowing @ 3082 mcfpd @ 2431 psi FCP on a 10/64" ck. w/ 698 BWPD & 8 BOPD (over 6000 BLLTR).

**GH 1G-17-8-21 (Hz):** (100% WI) Started pumping unit 8-4-05; currently making 169 BOPD & 15 BWPD.

**WRU EIH 15ML-23-8-22:** Fracs (8 stages) pumped Aug. 5<sup>th</sup>, 6<sup>th</sup> & 7<sup>th</sup>; lubed in comp. BP Mon.; TIH and drilled plugs; landed tbg.; went to sales late on 8-11-05.

**WRU EIH 13ML-24-8-22:** Frac'ing; 6 stages done; will open to pit @ 4 p.m. on the 12<sup>th</sup>.

\*\*\* There is 1 well WOQGM ROW-P/L installation that needs to be completed.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR  
QEP UINTA BASIN, INC.

3. ADDRESS OF OPERATOR.  
11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface SEC 17-T8S-R21S, 682' FNL, 653' FEL, NENE

At top rod. interval reported below

At total depth BHL: SEC 17-T8S-R21S, 1186' FNL, 1771' FWL, SENW

14. PERMIT NO.  
43-047-34927

DATE ISSUED

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UT

15. DATE SPUDDED 4/7/05 16. DATE T.D. REACHED 7/14/05 17. DATE COMPL. (Ready to prod.) 8/04/05

20. TOTAL DEPTH, MD & TVD 8316', 5418' 21. PLUG BACK TD, MD & TVD 8316'

22. IF MULTIPLE COMPL., HOW MANY\*

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

OPEN HOLE 5298' - 8316'

CONFIDENTIAL  
PERIOD EXPIRED  
ON 9/4/06

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
MWD/GR

27. WAS WELL CORED  
NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	473'	12-3/8"	270 SXS	
7"	26#	5298'	8-3/4"	425 SXS	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-7/8"	4955'

31. PERFORATION RECORD (Interval, size and number)

OPEN HOLE - 5298' - 8316' (3018')

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
OH - 5298' - 8316'	ACIDIZE W/ 20,000 GALS 15% HCL & 6,000 GALS GUIDON AGS DIVERTER

33.\* DATE FIRST PRODUCTION 8/4/06 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING

WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/7/05	24	N/A		247	N/A	45	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
180	15						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD

35. LIST OF ATTACHMENTS  
WELLBORE & DEVIATION SUMMARY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED JIM SIMONTON

DIV. OF OIL, GAS & MINING  
COMPLETION SUPERVISOR

DATE 8/23/06

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States a false statement.

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS GH 1G 17 8 21		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE			UINTA	SURFACE	
GREEN RIVER	2500'			GREEN RIVER	2500'	
LOWER GREEN RIVER	4425'			LOWER GREEN RIVER	4425'	
G1 IS TOP POROSITY	5441'			G1 IS TOP POROSITY	5441'	
WASATCH	6148'			WASATCH	6148'	
TD	8316'			TD	8316'	
			Open Hole - 5298' - 8316' (3018')			

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Questar E & P  
Deviation Summary

DIV. OF OIL, GAS &amp; MINING

Well Name: GH 1G-17-8-21 TMD: 8,268.0 (ft) Closure Distance: 3,055.6 (ft)										Location: 17- 8-S 21-E 26 Spud Date: 4/7/2005 Calculation Method: Minimum Curvature		S/T #	V.S. AZI (°)
TVD: 5,417.47 (ft) Closure Direction: 259.83 (°)												OH	260.00
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type		
OH	0.0	0.00	0.00	NYN	0.00	0.00	0.00	0.00	0.00	0.00	MWD		
OH	947.0	0.44	20.60	NYN	946.99	3.40	1.28	-1.85	0.00	0.00			
OH	1,757.0	0.19	264.40	YNN	1,756.98	6.18	1.04	-2.10	0.07	-0.03			
OH	1,841.0	0.13	293.90	YNN	1,840.98	6.21	0.81	-1.88	0.12	-0.07			
OH	1,936.0	0.00	99.30	YNN	1,935.98	6.25	0.71	-1.79	0.14	-0.14			
OH	2,032.0	0.13	150.00	YNN	2,031.98	6.15	0.77	-1.82	0.14	0.14			
OH	2,128.0	0.13	145.80	YNN	2,127.98	5.97	0.88	-1.91	0.01	0.00			
OH	2,222.0	0.25	209.50	YNN	2,221.98	5.70	0.84	-1.82	0.24	0.13			
OH	2,317.0	0.25	207.50	YNN	2,316.98	5.34	0.64	-1.56	0.01	0.00			
OH	2,414.0	0.31	137.30	YNN	2,413.98	4.96	0.72	-1.58	0.34	0.06			
OH	2,508.0	0.44	145.90	YNN	2,507.98	4.47	1.10	-1.86	0.15	0.14			
OH	2,602.0	0.63	154.50	YNN	2,601.97	3.71	1.52	-2.15	0.22	0.20			
OH	2,700.0	0.88	164.50	YNN	2,699.96	2.50	1.96	-2.36	0.29	0.26			
OH	2,795.0	0.81	158.10	YNN	2,794.95	1.17	2.40	-2.57	0.12	-0.07			
OH	2,890.0	0.50	146.40	YNN	2,889.95	0.20	2.88	-2.87	0.35	-0.33			
OH	2,985.0	0.50	162.50	YNN	2,984.94	-0.54	3.24	-3.09	0.15	0.00			
OH	3,080.0	0.81	179.40	YNN	3,079.94	-1.61	3.37	-3.04	0.38	0.33			
OH	3,207.0	0.44	147.90	YNN	3,206.93	-2.92	3.64	-3.08	0.39	-0.29			
OH	3,268.0	0.69	171.60	YNN	3,267.93	-3.48	3.82	-3.15	0.55	0.41			
OH	3,361.0	0.88	197.80	YNN	3,360.92	-4.71	3.68	-2.80	0.43	0.20			
OH	3,457.0	1.10	205.30	YNN	3,456.90	-6.25	3.06	-1.93	0.27	0.23			
OH	3,552.0	0.88	251.39	YNN	3,551.89	-7.30	1.98	-0.68	0.84	-0.23			
OH	3,647.0	0.94	254.60	YNN	3,646.88	-7.74	0.54	0.82	0.08	0.06			
OH	3,742.0	0.44	245.50	YNN	3,741.87	-8.10	-0.55	1.95	0.54	-0.53			
OH	3,838.0	0.81	1.80	YNN	3,837.87	-7.58	-0.86	2.16	1.12	0.39			
OH	3,934.0	1.30	3.30	YNN	3,933.85	-5.81	-0.78	1.77	0.51	0.51			
OH	4,028.0	1.20	18.40	YNN	4,027.83	-3.81	-0.41	1.06	0.36	-0.11			
OH	4,123.0	1.00	36.10	YNN	4,122.81	-2.20	0.40	-0.01	0.41	-0.21			
OH	4,219.0	0.31	51.40	YNN	4,218.81	-1.36	1.09	-0.84	0.74	-0.72			
OH	4,313.0	0.44	158.40	YNN	4,312.81	-1.54	1.43	-1.14	0.65	0.14			
OH	4,409.0	0.50	212.90	YNN	4,408.80	-2.23	1.33	-0.93	0.45	0.06			
OH	4,504.0	0.75	224.50	YNN	4,503.80	-3.02	0.67	-0.14	0.29	0.26			
OH	4,598.0	0.60	224.90	YNN	4,597.79	-3.81	-0.11	0.77	0.16	-0.16			

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Questar E & P  
Deviation Summary

DIV. OF OIL, GAS &amp; MINING

Well Name: GH 1G-17-8-21 TMD: 8,268.0 (ft) Closure Distance: 3,055.6 (ft)										Location: 17- 8-S 21-E 26 Spud Date: 4/7/2005 Calculation Method: Minimum Curvature		S/T #	V.S. AZI (°)
TVD: 5,417.47 (ft) Closure Direction: 259.83 (°)												OH	260.00
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type		
OH	4,695.0	0.80	179.90	YNN	4,694.78	-4.85	-0.46	1.30	0.58	0.21			
OH	4,786.0	0.38	147.76	YNN	4,785.78	-5.74	-0.30	1.29	0.57	-0.46			
OH	4,879.0	0.00	147.76	YNN	4,878.78	-6.00	-0.14	1.18	0.41	-0.41			
OH	4,911.0	0.75	151.40	YNN	4,910.78	-6.18	-0.04	1.11	2.34	2.34			
OH	4,944.0	0.75	173.00	YNN	4,943.77	-6.59	0.09	1.05	0.85	0.00			
OH	4,976.0	2.19	225.00	YNN	4,975.76	-7.23	-0.31	1.56	5.71	4.50			
OH	5,008.0	4.94	239.40	YNN	5,007.70	-8.36	-1.93	3.35	8.97	8.59			
OH	5,040.0	8.31	243.26	YNN	5,039.48	-10.10	-5.18	6.86	10.62	10.53			
OH	5,071.0	12.00	244.90	YNN	5,069.99	-12.48	-10.11	12.12	11.94	11.90	MWD		
OH	5,103.0	16.13	247.30	YNN	5,101.03	-15.61	-17.22	19.67	13.03	12.91	MWD		
OH	5,135.0	20.40	249.90	YNN	5,131.41	-19.24	-26.56	29.50	13.58	13.34	MWD		
OH	5,168.0	25.20	252.10	YNN	5,161.82	-23.38	-38.66	42.13	14.77	14.55	MWD		
OH	5,199.0	29.70	253.10	YNN	5,189.32	-27.64	-52.29	56.30	14.59	14.52	MWD		
OH	5,231.0	33.60	255.40	YNN	5,216.56	-32.18	-68.45	73.00	12.76	12.19	MWD		
OH	5,262.0	37.80	255.60	YNN	5,241.73	-36.71	-85.96	91.03	13.55	13.55	MWD		
OH	5,294.0	42.80	255.60	YNN	5,266.13	-41.85	-106.00	111.66	15.63	15.63	MWD		
OH	5,325.0	48.69	255.60	YNN	5,287.75	-47.37	-127.50	133.79	19.00	19.00	MWD		
OH	5,358.0	54.75	257.70	YNN	5,308.18	-53.33	-152.70	159.64	19.03	18.36	MWD		
OH	5,388.0	60.90	259.50	YNN	5,324.15	-58.33	-177.58	185.01	21.12	20.50	MWD		
OH	5,421.0	66.60	261.40	YNN	5,338.74	-63.23	-206.75	214.59	18.03	17.27	MWD		
OH	5,452.0	70.80	262.10	YNN	5,350.00	-67.37	-235.33	243.45	13.71	13.55	MWD		
OH	5,484.0	76.80	263.00	YNN	5,358.93	-71.35	-265.78	274.14	18.94	18.75	MWD		
OH	5,515.0	82.60	263.30	YNN	5,364.47	-74.99	-296.05	304.58	18.73	18.71	MWD		
OH	5,546.0	84.90	264.50	YNN	5,367.84	-78.26	-326.69	335.32	8.36	7.42	MWD		
OH	5,569.0	86.40	265.50	YNN	5,369.59	-80.26	-349.54	358.16	7.83	6.52			
OH	5,600.0	87.60	266.50	YNN	5,371.21	-82.42	-380.42	388.95	5.04	3.87			
OH	5,632.0	89.40	265.60	YNN	5,372.05	-84.62	-412.33	420.76	6.29	5.63			
OH	5,663.0	89.60	265.60	YNN	5,372.32	-87.00	-443.24	451.61	0.65	0.65			
OH	5,695.0	88.90	264.10	YNN	5,372.74	-89.87	-475.11	483.49	5.17	-2.19			
OH	5,726.0	88.90	262.90	YNN	5,373.33	-93.38	-505.90	514.43	3.87	0.00			
OH	5,758.0	89.10	260.90	YNN	5,373.89	-97.89	-537.57	546.41	6.28	0.63			
OH	5,789.0	88.80	259.80	YNN	5,374.46	-103.08	-568.13	577.40	3.68	-0.97			
OH	5,821.0	86.80	259.40	YNN	5,375.69	-108.85	-599.58	609.37	6.37	-6.25			

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# Deviation Summary

DIV. OF OIL, GAS & MINING

Well Name: GH 1G-17-8-21					Location: 17- 8-S 21-E 26					S/T #	V.S. AZI (°)
TMD: 8,268.0 (ft)					Spud Date: 4/7/2005					OH	260.00
Closure Distance: 3,055.6 (ft)					Calculation Method: Minimum Curvature						
TVD: 5,417.47 (ft)					Closure Direction: 259.83 (°)						
S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	5,852.0	85.40	259.50	YNN	5,377.79	-114.52	-629.98	640.30	4.53	-4.52	
OH	5,884.0	87.00	259.80	YNN	5,379.91	-120.25	-661.39	672.23	5.09	5.00	
OH	5,915.0	88.80	260.10	YNN	5,381.05	-125.66	-691.90	703.20	5.89	5.81	
OH	5,947.0	89.10	260.00	YNN	5,381.64	-131.19	-723.41	735.20	0.99	0.94	
OH	5,978.0	88.50	260.40	YNN	5,382.29	-136.46	-753.95	766.19	2.33	-1.94	
OH	6,010.0	89.50	260.40	YNN	5,382.84	-141.80	-785.50	798.19	3.13	3.13	
OH	6,041.0	90.90	261.00	YNN	5,382.74	-146.81	-816.09	829.18	4.91	4.52	
OH	6,073.0	91.60	260.50	YNN	5,382.04	-151.95	-847.66	861.17	2.69	2.19	
OH	6,105.0	91.10	260.30	YNN	5,381.28	-157.29	-879.21	893.16	1.68	-1.56	
OH	6,136.0	90.70	260.40	YNN	5,380.80	-162.48	-909.76	924.16	1.33	-1.29	
OH	6,168.0	90.40	260.60	YNN	5,380.49	-167.76	-941.32	956.16	1.13	-0.94	MWD
OH	6,200.0	90.20	260.60	YNN	5,380.32	-172.99	-972.89	988.15	0.63	-0.63	MWD
OH	6,231.0	89.60	260.10	YNN	5,380.38	-178.19	-1,003.46	1,019.15	2.52	-1.94	MWD
OH	6,263.0	89.40	259.80	YNN	5,380.66	-183.77	-1,034.96	1,051.15	1.13	-0.63	MWD
OH	6,294.0	88.90	259.60	YNN	5,381.12	-189.31	-1,065.46	1,082.15	1.74	-1.61	MWD
OH	6,326.0	87.60	258.90	YNN	5,382.09	-195.28	-1,096.88	1,114.13	4.61	-4.06	MWD
OH	6,358.0	87.10	258.60	YNN	5,383.57	-201.51	-1,128.23	1,146.09	1.82	-1.56	MWD
OH	6,390.0	88.10	258.80	YNN	5,384.91	-207.78	-1,159.59	1,178.05	3.19	3.13	MWD
OH	6,421.0	88.30	259.00	YNN	5,385.89	-213.74	-1,189.99	1,209.03	0.91	0.65	MWD
OH	6,452.0	88.90	259.50	YNN	5,386.64	-219.52	-1,220.44	1,240.02	2.52	1.94	
OH	6,484.0	89.20	259.90	YNN	5,387.17	-225.25	-1,251.92	1,272.01	1.56	0.94	
OH	6,516.0	88.40	259.60	YNN	5,387.84	-230.94	-1,283.40	1,304.00	2.67	-2.50	
OH	6,548.0	88.30	259.60	YNN	5,388.77	-236.71	-1,314.86	1,335.99	0.31	-0.31	
OH	6,580.0	87.90	259.60	YNN	5,389.83	-242.49	-1,346.32	1,367.97	1.25	-1.25	
OH	6,611.0	88.60	260.00	YNN	5,390.77	-247.97	-1,376.81	1,398.96	2.60	2.26	
OH	6,643.0	88.90	260.60	YNN	5,391.47	-253.36	-1,408.35	1,430.95	2.10	0.94	
OH	6,674.0	90.00	260.60	YNN	5,391.77	-258.43	-1,438.93	1,461.94	3.55	3.55	
OH	6,706.0	88.90	261.30	YNN	5,392.08	-263.46	-1,470.53	1,493.94	4.07	-3.44	
OH	6,736.0	88.10	261.00	YNN	5,392.86	-268.07	-1,500.16	1,523.92	2.85	-2.67	
OH	6,767.0	88.80	261.00	YNN	5,393.70	-272.92	-1,530.77	1,554.91	2.26	2.26	
OH	6,799.0	89.40	261.10	YNN	5,394.20	-277.90	-1,562.38	1,586.90	1.90	1.88	
OH	6,831.0	89.60	261.30	YNN	5,394.48	-282.79	-1,594.00	1,618.89	0.88	0.63	
OH	6,863.0	89.10	261.10	YNN	5,394.85	-287.69	-1,625.62	1,650.88	1.68	-1.56	

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## Deviation Summary

DIV. OF OIL, GAS &amp; MINING

Well Name: GH 1G-17-8-21

Location: 17- 8-S 21-E 26

TMD: 8,268.0 (ft)

TVD: 5,417.47 (ft)

Spud Date: 4/7/2005

Closure Distance: 3,055.6 (ft)

Closure Direction: 259.83 (°)

Calculation Method: Minimum Curvature

S/T #

V.S. AZI (°)

OH

260.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	6,894.0	88.70	260.40	YNN	5,395.44	-292.67	-1,656.21	1,681.87	2.60	-1.29	
OH	6,926.0	88.20	260.30	YNN	5,396.31	-298.03	-1,687.74	1,713.86	1.59	-1.56	
OH	6,958.0	88.90	260.50	YNN	5,397.12	-303.37	-1,719.29	1,745.85	2.27	2.19	
OH	6,990.0	88.70	260.40	YNN	5,397.79	-308.68	-1,750.84	1,777.84	0.70	-0.63	
OH	7,021.0	88.30	260.60	YNN	5,398.60	-313.79	-1,781.40	1,808.83	1.44	-1.29	
OH	7,053.0	88.10	260.30	YNN	5,399.60	-319.10	-1,812.94	1,840.81	1.13	-0.63	
OH	7,084.0	89.00	260.00	YNN	5,400.39	-324.40	-1,843.47	1,871.80	3.06	2.90	
OH	7,116.0	89.40	260.30	YNN	5,400.83	-329.87	-1,875.00	1,903.80	1.56	1.25	
OH	7,147.0	90.00	260.40	YNN	5,401.00	-335.07	-1,905.56	1,934.79	1.96	1.94	
OH	7,179.0	89.10	259.50	YNN	5,401.25	-340.65	-1,937.07	1,966.79	3.98	-2.81	
OH	7,210.0	87.80	258.90	YNN	5,402.09	-346.46	-1,967.51	1,997.78	4.62	-4.19	
OH	7,242.0	88.10	295.10	YNN	5,403.27	-342.63	-1,998.72	2,027.85	113.05	0.94	E.M
OH	7,274.0	88.10	259.10	YNN	5,404.37	-338.74	-2,029.94	2,057.92	112.44	0.00	E.M
OH	7,305.0	89.70	260.00	YNN	5,404.96	-344.36	-2,060.42	2,088.91	5.92	5.16	E.M
OH	7,337.0	89.90	259.90	YNN	5,405.07	-349.94	-2,091.92	2,120.91	0.70	0.63	E.M
OH	7,369.0	88.40	259.50	YNN	5,405.55	-355.66	-2,123.40	2,152.91	4.85	-4.69	E.M
OH	7,400.0	88.70	259.80	YNN	5,406.33	-361.23	-2,153.89	2,183.90	1.37	0.97	E.M
OH	7,432.0	89.40	259.90	YNN	5,406.86	-366.87	-2,185.39	2,215.89	2.21	2.19	E.M
OH	7,464.0	89.40	259.90	YNN	5,407.20	-372.48	-2,216.89	2,247.89	0.00	0.00	E.M
OH	7,496.0	89.60	260.00	YNN	5,407.48	-378.06	-2,248.40	2,279.89	0.70	0.63	E.M
OH	7,527.0	89.10	259.60	YNN	5,407.83	-383.55	-2,278.90	2,310.89	2.07	-1.61	MWD
OH	7,559.0	89.10	259.60	YNN	5,408.33	-389.33	-2,310.37	2,342.88	0.00	0.00	MWD
OH	7,591.0	88.90	259.50	YNN	5,408.89	-395.13	-2,341.84	2,374.87	0.70	-0.63	MWD
OH	7,622.0	88.40	259.50	YNN	5,409.62	-400.78	-2,372.31	2,405.86	1.61	-1.61	MWD
OH	7,654.0	89.60	259.90	YNN	5,410.18	-406.50	-2,403.79	2,437.86	3.95	3.75	MWD
OH	7,686.0	90.10	260.30	YNN	5,410.26	-412.00	-2,435.31	2,469.86	2.00	1.56	MWD
OH	7,717.0	89.50	259.90	YNN	5,410.37	-417.33	-2,465.85	2,500.86	2.33	-1.94	MWD
OH	7,749.0	88.10	259.30	YNN	5,411.04	-423.11	-2,497.32	2,532.85	4.76	-4.38	MWD
OH	7,781.0	88.30	259.10	YNN	5,412.05	-429.10	-2,528.73	2,564.83	0.88	0.63	MWD
OH	7,812.0	88.00	259.10	YNN	5,413.05	-434.96	-2,559.16	2,595.81	0.97	-0.97	MWD
OH	7,843.0	88.40	259.10	NYN	5,413.49	-460.68	-2,589.97	2,630.62	1.29	1.29	
OH	7,874.0	88.90	259.40	YNN	5,414.22	-466.46	-2,620.42	2,661.61	1.88	1.61	
OH	7,906.0	89.60	259.80	YNN	5,414.64	-472.24	-2,651.89	2,693.60	2.52	2.19	

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Questar E &amp; P

## Deviation Summary

DIV. OF OIL, GAS &amp; MINING

Well Name: GH 1G-17-8-21

TMD: 8,268.0 (ft)

TVD: 5,417.47 (ft)

Closure Distance: 3,055.6 (ft)

Closure Direction: 259.83 (°)

Location: 17- 8-S 21-E 26

Spud Date: 4/7/2005

Calculation Method: Minimum Curvature

S/T #

V.S. AZI (°)

OH

260.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	7,938.0	90.20	259.80	YNN	5,414.70	-477.90	-2,683.38	2,725.60	1.88	1.88	
OH	7,969.0	89.80	259.60	YNN	5,414.70	-483.45	-2,713.88	2,756.60	1.44	-1.29	
OH	8,001.0	89.30	259.40	YNN	5,414.95	-489.28	-2,745.35	2,788.60	1.68	-1.56	
OH	8,032.0	89.80	259.30	YNN	5,415.19	-495.01	-2,775.81	2,819.60	1.64	1.61	
OH	8,096.0	89.70	259.30	YNN	5,415.47	-506.89	-2,838.70	2,883.59	0.16	-0.16	
OH	8,127.0	89.60	259.30	YNN	5,415.66	-512.64	-2,869.16	2,914.59	0.32	-0.32	
OH	8,159.0	89.40	259.00	YNN	5,415.94	-518.67	-2,900.58	2,946.58	1.13	-0.63	
OH	8,191.0	88.60	259.00	YNN	5,416.50	-524.77	-2,931.99	2,978.57	2.50	-2.50	
OH	8,223.0	89.10	258.50	YNN	5,417.14	-531.01	-2,963.37	3,010.56	2.21	1.56	
OH	8,254.0	89.80	259.10	YNN	5,417.44	-537.04	-2,993.78	3,041.55	2.97	2.26	EM
OH	8,268.0	89.90	258.90	YNN	5,417.47	-539.71	-3,007.52	3,055.55	1.60	0.71	EM

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FIELD: Gypsum Hills		GL: ### ' KBE: ### '	Spud date: 4-8-05 Completion Date: 8/1/2005																																																	
WELL NAME: GH 1G-17-8-21		TVC ### ' MD: ### '	Current Well Status: Pumping Oil Well - Horizontal G-1 Lime																																																	
Location at surface: NENE Sec. 17, T8S, R21E API # 43-047-34927 Uintah County, Utah		Reason for Pull/Workover: Initial Completion																																																		
<div>Wellbore Schematic</div> <div><div>Surface casing Size: 9-5/8" Weight: 36# Grade J-55 Set @ 473' Cemented w/ 270 sks Hole size 12 1/4"</div><div><div>EXCLUDED PERFS</div><div>TOC - unknown No bond log run. OPEN PERFS</div></div><div><div>Production casing Size: 7" Weight: 26# Grade: J-55 Set @ 5298' Cemented w/ 425 sks Hole size 8-3/4"</div><div>Open Hole Size: 6-1/8" 5298' - 8316' (3018')</div></div><div><div>TAC @ 4921 ' PSN @ 4922 ' EOT @ 4955 ' Kick off point - 5000' Horizontal @ 5550'. 90 degree angle.</div><div>Open hole completion.</div></div></div>		<div>Tubing Landing Detail:</div> <table><thead><tr><th>Description</th><th>Size</th><th>Footage</th><th>Depth</th></tr></thead><tbody><tr><td>KB</td><td></td><td>13.00</td><td>13.00</td></tr><tr><td>Hanger</td><td></td><td>0.85</td><td>13.85</td></tr><tr><td>Tension</td><td></td><td>1.50</td><td>15.35</td></tr><tr><td>155 jts 2-7/8" J-55</td><td>2-7/8"</td><td>4903.25</td><td>4918.60</td></tr><tr><td>TAC</td><td>7"</td><td>2.63</td><td>4921.23</td></tr><tr><td>PSN</td><td>2-7/8"</td><td>1.10</td><td>4922.33</td></tr><tr><td>1 jt 2-7/8" J-55</td><td>2-7/8"</td><td>32.45</td><td>4954.78</td></tr><tr><td>Plinned NC</td><td>2-7/8"</td><td>0.45</td><td>4955.23</td></tr><tr><td></td><td></td><td></td><td>4955.23</td></tr><tr><td></td><td></td><td></td><td>4955.23</td></tr><tr><td>EOT</td><td></td><td></td><td>4955.23</td></tr></tbody></table> <div>Tubing Information Condition: New: <input checked="" type="checkbox"/> X Used: _____ Rerun: _____ Grade: J-55 Weight (#/ft): 8.50</div> <div>Sucker Rod Detail: Size Rods Type 1-1/2" x 26" polish rod No ponies needed 70 - 7/8" plain 126 - 3/4" plain</div> <div>Rod Information Condition: New: <input checked="" type="checkbox"/> x USED _____ RERUN _____ Grade: _____ Manufacture: _____</div> <div>Pump Information: API Designation 2-1/2" x 1-3/4" x 12 x 15 x 17" RHAC w/149" stroke, Weatherford Example: Pump SN#: 1708 Original Run Date: 8-1-05 RERUN _____ NEW RUN <input checked="" type="checkbox"/> X</div> <div>ESP Well Cable Size: _____ Pump Intake @ _____ End of Pump @ _____ Wellhead Detail: 7 1/16" 2000# _____ 7 1/16" 3000# _____ 7 1/16" 5000# <input checked="" type="checkbox"/> X Other: _____ HANGERYE <input checked="" type="checkbox"/> X No _____</div> <div>Flowing Well "R" NIPPLE _____ PKR @ _____ EOT @ _____</div> <div>Summary Acidized open hole w/20,000 gals 15% HCl &amp; 6000 gals Guidon AGS diverter.</div>			Description	Size	Footage	Depth	KB		13.00	13.00	Hanger		0.85	13.85	Tension		1.50	15.35	155 jts 2-7/8" J-55	2-7/8"	4903.25	4918.60	TAC	7"	2.63	4921.23	PSN	2-7/8"	1.10	4922.33	1 jt 2-7/8" J-55	2-7/8"	32.45	4954.78	Plinned NC	2-7/8"	0.45	4955.23				4955.23				4955.23	EOT			4955.23
Description	Size	Footage	Depth																																																	
KB		13.00	13.00																																																	
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EOT			4955.23																																																	

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Prepared By: Jane Pennell Date: 10-18-05

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

CA No.				Unit:		GYPSUM HILLS UNIT		
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**



Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GYPSUM HILLS 3	GH 3	NENE	20	080S	210E	4304720002	5355	Federal	WI	A
GYPSUM HILLS 4	GH 4	SWSE	19	080S	210E	4304730028	5355	Federal	OW	P
GYPSUM HILLS 6	GH 6	NENW	20	080S	210E	4304730099	5251	Federal	WI	A
COSTAS FED 1-20-4B	GH 1-20	NESW	20	080S	210E	4304731006	5355	Federal	WI	A
WHITON FED 1-19-3C	GH 1-19	SESE	19	080S	210E	4304731065	5355	Federal	OW	P
COSTAS FED 2-20-3B	GH 2-20	NESE	20	080S	210E	4304731066	5355	Federal	WI	A
STAGECOACH FED 23-21	GH 23-21	NWSW	21	080S	210E	4304731541	5355	Federal	OW	P
COSTAS FED 3-21-1D	GH 3-21	SWNW	21	080S	210E	4304731604	5355	Federal	WI	A
COSTAS FED 4-21-1C	GH 4-21	SENE	21	080S	210E	4304731826	5355	Federal	OW	P
COSTAS FED 5-21-2C	GH 5-21	SENE	21	080S	210E	4304731827	5355	Federal	OW	P
SRU 8-I	GH 8-I	SWNE	20	080S	210E	4304731932	5355	Federal	WI	A
GYPSUM HILLS 9	GH 9	SENE	20	080S	210E	4304732304	5355	Federal	OW	P
GYPSUM HILLS 10	GH 10	NWSE	21	080S	210E	4304732306	5355	Federal	WI	A
GYPSUM HILLS 12	GH 12	NESE	19	080S	210E	4304732458	5355	Federal	WI	A
GYPSUM HILLS 11	GH 11	NWSE	20	080S	210E	4304732459	5355	Federal	OW	P
GYPSUM HILLS 13	GH 13	NESW	21	080S	210E	4304732460	5355	Federal	OW	P
GYPSUM HILLS 14	GH 13	NWSW	20	080S	210E	4304732647	5355	Federal	OW	P
GYPSUM HILLS 15	GH 15	SWSW	20	080S	210E	4304732648	5355	Federal	WI	A
GYPSUM HILLS 17	GH 17	SWSE	20	080S	210E	4304732649	5355	Federal	WI	A
GYPSUM HILLS 18	GH 18	SESE	20	080S	210E	4304732650	5355	Federal	OW	P
GYPSUM HILLS 19	GH 19	SWNW	20	080S	210E	4304732651	5355	Federal	OW	P
GYPSUM HILLS 20	GH 20	SENE	20	080S	210E	4304732652	5355	Federal	OW	P
GYPSUM HILLS 16	GH 16	SESW	20	080S	210E	4304732675	5355	Federal	OW	P
GHU 10W-19-8-21	GH 10W-19-8-21	NWSE	19	080S	210E	4304733528	12736	Federal	GW	P
GH 10G-19-8-21	GH 10G-19-8-21	NWSE	19	080S	210E	4304733566	5355	Federal	OW	P
WV 11W-17-8-21	WV 11W-17-8-21	NESW	17	080S	210E	4304733912	13228	Federal	GW	P
WV 5W-17-8-21	WV 5W-17-8-21	SWNW	17	080S	210E	4304733954	13332	Federal	GW	P
WV 7W-17-8-21	WV 7W-17-8-21	SWNE	17	080S	210E	4304733956	13330	Federal	GW	P
GH 9W-17-8-21	GH 9W-17-8-21	NESE	17	080S	210E	4304734150	13392	Federal	GW	P
GH 16W-17-8-21	GH 16W-17-8-21	SESE	17	080S	210E	4304734156	13354	Federal	GW	P
WV EXT 10W-17-8-21	WVX 10W-17-8-20	NWSE	17	080S	210E	4304734561	13744	Federal	GW	P
GH EXT 15W-17-8-21	GHX 15W-17-8-20	SWSE	17	080S	210E	4304734562	13674	Federal	GW	P
GYPSUM HILLS 13HG-17-8-21	GHX 13HG-17-8-21	SWSW	17	080S	210E	4304734723	5355	Federal	OW	S
GH 1G-17-8-21	GH 1G-17-8-21	NENE	17	080S	210E	4304734927	5355	Federal	OW	P
WV EXT 2W-17-8-21	WVX 2W-17-8-20	NWNE	17	080S	210E	4304734928	14253	Federal	GW	P
WV EXT 8W-17-8-21	WVX 8W-17-8-20	SENE	17	080S	210E	4304734929	13792	Federal	GW	P
GH 4MU-20-8-21	GH 4MU-20-8-21	NWNW	20	080S	210E	4304735068	14213	Federal	GW	P
GYPSUM HILLS 13MU-20-8-21	GH 13MU-20-8-20	SWSW	20	080S	210E	4304735070	14817	Federal	GW	P
GH 5W-20-8-21	GH 5W-20-8-21	SWNW	20	080S	210E	4304735097	14557	Federal	GW	P
WVX 3MU-17-8-21	WVX 3MU-17-8-21	NENW	17	080S	210E	4304735318	14113	Federal	GW	P
GH 15ML-18-8-21	GH 15ML-18-8-21	SWSE	18	080S	210E	4304735323	15483	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
GYPSUM HILLS UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GH 1ML-19-8-21	GH 1ML-19-8-21	NENE	19	080S	210E	4304735324	14824	Federal	GW	P
GH 16W-19-8-21	GH 16W-19-8-21	SESE	19	080S	210E	4304735325	14823	Federal	GW	DRL
WVX 14MU-17-8-21	WVX 14MU-17-8-21	SESW	17	080S	210E	4304735369	14098	Federal	GW	P
WVX 12MU-17-8-21	WVX 12MU-17-8-21	NWSW	17	080S	210E	4304735370	15108	Federal	GW	P
WVX 8MU-19-8-21	WVX 8MU-19-8-21	SENE	19	080S	210E	4304735372	14241	Federal	GW	P
GH 10ML-18-8-21	GH 10ML-18-8-21	NWSE	18	080S	210E	4304735391	15482	Federal	GW	P
GH 8G-17-8-21	GH 8G-17-8-21	SENE	17	080S	210E	4304737992	5355	Federal	OW	DRL
GH 16G-17-8-21	GH 16G-17-8-21	SESE	17	080S	210E	4304737993	5355	Federal	OW	DRL
WVX 1MU-17-8-21	WVX 1MU-17-8-21	NENE	17	080S	210E	4304738156		Federal	GW	APD
GH 8MU-20-8-21	GH 8-20-8-21	SENE	20	080S	210E	4304738157		Federal	GW	APD
WVX 13MU-17-8-21	WVX 13MU-17-8-21	SWSW	17	080S	210E	4304738188		Federal	GW	APD
WVX 6MU-17-8-21	WVX 6MU-17-8-21	SENE	17	080S	210E	4304738189		Federal	GW	APD
WVX 4MU-17-8-21	WVX 4MU-17-8-21	NWNW	17	080S	210E	4304738190		Federal	GW	APD
WVX 16MU-18-8-21	WVX 16MU-18-8-21	SESE	18	080S	210E	4304738191		Federal	GW	APD
GH 2MU-19-8-21	GH 2MU-19-8-21	NWNE	19	080S	210E	4304738192		Federal	GW	APD
GH 3MU-19-8-21	GH 3MU-19-8-21	NENW	19	080S	210E	4304738250		Federal	GW	APD
GH 4MU-19-8-21	GH 4MU-19-8-21	NWNW	19	080S	210E	4304738264		Federal	GW	APD
GH 5MU-19-8-21	GH 5MU-19-8-21	SWNW	19	080S	210E	4304738265		Federal	GW	APD
GH 6MU-19-8-21	GH 6MU-19-8-21	SENE	19	080S	210E	4304738266		Federal	GW	APD
GH 7MU-19-8-21	GH 7D-19-8-21	SWNE	19	080S	210E	4304738267		Federal	GW	APD
GH 11MU-19-8-21	GH 11MU-19-8-21	NESW	19	080S	210E	4304738268		Federal	GW	APD
GH 12MU-19-8-21	GH 12MU-19-8-21	NWSW	19	080S	210E	4304738269		Federal	GW	APD
GH 15MU-19-8-21	GH 15MU-19-8-21	SWSE	19	080S	210E	4304738270		Federal	GW	APD
GH 14MU-19-8-21	GH 14MU-19-8-21	SESW	19	080S	210E	4304738472		Federal	GW	APD
WVX 1MU-18-8-21	WVX 1MU-18-8-21	NENE	18	080S	210E	4304738659		Federal	GW	APD
WVX 9MU-18-8-21	WVX 9MU-18-8-21	NESE	18	080S	210E	4304738660		Federal	GW	APD
WVX 8MU-18-8-21	GH 8G-18-8-21	SENE	18	080S	210E	4304738661		Federal	GW	APD
GH 6MU-20-8-21	GH 6-20-8-21	SENE	20	080S	210E	4304738662		Federal	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
5. PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
6. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
7. COUNTY: Uintah		
8. STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE DATE 3/16/2007

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APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City: Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE <u>[Signature]</u>	DATE <u>4/17/2007</u>

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DIV. OF OIL, GAS & MINING





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (GR) Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Gypsum Hills (GR) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Gypsum Hills (GR) Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Gypsum Hills (GR) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Gypsum Hills (GR) Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

CA No.				Unit:		GYPSUM HILLS (GRRV)		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500      CITY: Denver      STATE: CO      ZIP: 80265		9. API NUMBER: Attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: See attached		10. FIELD AND POOL, OR WILDCAT: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: Attached  STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <i>6/14/2010</i>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <i>Operator Name Change</i>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~ *965010693*

*N3700*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/13/2010*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician



Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
GYPSUM HILLS (GRRV)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
GH 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GH 1-19	19	080S	210E	4304731065	5355	Federal	OW	P	
GH 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
GH 4-21	21	080S	210E	4304731826	5355	Federal	OW	P	
GH 5-21	21	080S	210E	4304731827	5355	Federal	OW	P	
GH 9	20	080S	210E	4304732304	5355	Federal	OW	DRL	C
GH 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GH 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GH 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GH 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GH 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GH 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GH 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GH 10W-19-8-21	19	080S	210E	4304733528	12736	Federal	GW	P	
GH 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
WV 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P	
WV 5W-17-8-21	17	080S	210E	4304733954	13332	Federal	GW	P	
WV 7W-17-8-21	17	080S	210E	4304733956	13330	Federal	GW	P	
GH 9W-17-8-21	17	080S	210E	4304734150	13392	Federal	GW	P	
GH 16W-17-8-21	17	080S	210E	4304734156	13354	Federal	GW	P	
WVX 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P	
GHX 15W-17-8-21	17	080S	210E	4304734562	13674	Federal	GW	P	
GHX 13HG-17-8-21	17	080S	210E	4304734723	5355	Federal	OW	P	
GH 1G-17-8-21	17	080S	210E	4304734927	5355	Federal	OW	P	
WVX 2W-17-8-21	17	080S	210E	4304734928	14253	Federal	GW	P	
WVX 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	P	
GH 4MU-20-8-21	20	080S	210E	4304735068	14213	Federal	GW	P	
GH 13MU-20-8-21	20	080S	210E	4304735070	14817	Federal	GW	P	
GH 5W-20-8-21	20	080S	210E	4304735097	14557	Federal	GW	P	
WVX 3MU-17-8-21	17	080S	210E	4304735318	14113	Federal	GW	P	
GH 15ML-18-8-21	18	080S	210E	4304735323	15483	Federal	GW	P	
GH 1ML-19-8-21	19	080S	210E	4304735324	14824	Federal	GW	P	
WVX 14MU 17-8-21	17	080S	210E	4304735369	14098	Federal	GW	P	
WVX 12MU-17-8-21	17	080S	210E	4304735370	15108	Federal	GW	P	
WVX 8MU-19-8-21	19	080S	210E	4304735372	14241	Federal	GW	P	
GH 10ML-18-8-21	18	080S	210E	4304735391	15482	Federal	GW	P	
GH 8G-17-8-21	17	080S	210E	4304737992	5355	Federal	OW	P	
GH 16G-17-8-21	17	080S	210E	4304737993	5355	Federal	OW	P	
GH 8G-18-8-21	18	080S	210E	4304738661		Federal	GW	APD	C
GH 6-20-8-21	20	080S	210E	4304738662	17041	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Roy L Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

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AUG 16 2010

DIV. OF OIL, GAS & MINERALS